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HOWARD'S SEED AND IMPLEMENT 19 CATALOG 24



FRANK HOWARD
FENN, FIRST AND FEDERAL STS..
PITTSFIELD, MASS.

OUR NEW STORE

HOWARD BLOCK

At the corner of FENN, FIRST and FEDERAL STREETS, near the post office, is arranged for your comfort and convenience while shopping.

YOU WILL NOTICE we have catalogued PEAS, BEANS and CORN by the POUND instead of the QUART. This is to conform to the new State Law.

Make Our Store Your Headquarters while in the City. You are Always Welcome
FRANK HOWARD

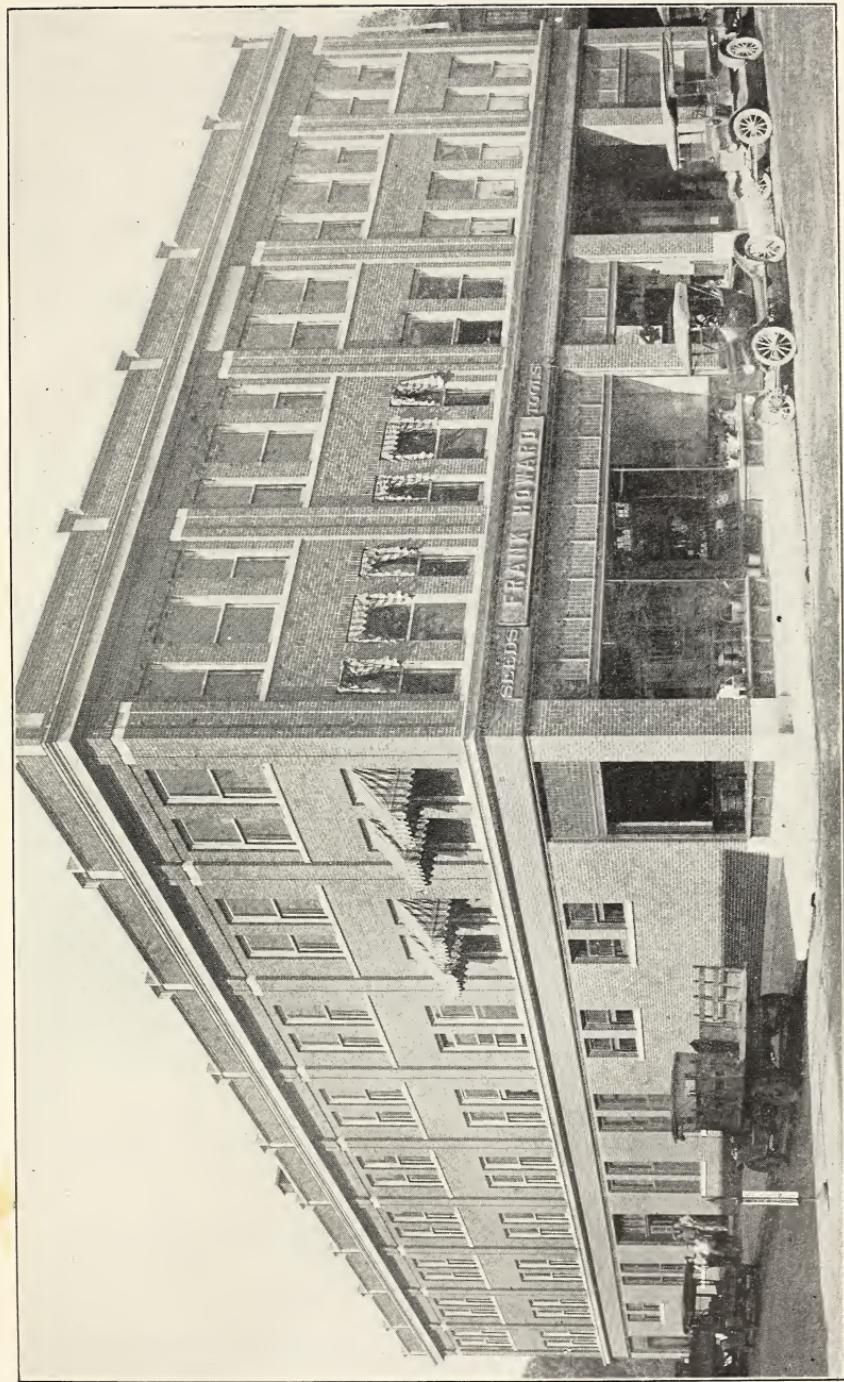
WE HAVE maintained throughout our 31 years of business activity the highest standard of quality possible. You may depend on us at all times to give you Best Goods at Fair Prices.

You will be given the advantage of any decline in prices at the time of purchase.

We are in readiness to serve you now or at any time. We trust that 1924 will be a prosperous year for you.

Respectfully yours,
FRANK HOWARD

HOWARD BLOCK, FENN AND FIRST STREET SIDE





A TRACKSIDE SECTION OF OUR SECOND STREET WAREHOUSE situated beside the Boston & Albany R. R. Tracks.
Thru this Warehouse we handle our Carload Shipments of Akron Sewer Pipe; Land Tile; Flue Lining; Flower Pots; Lime; Cement;
Plaster; Plaster Board; Plaster of Paris; Asphalt Slate Surfaced Shingles, Roofing and many other Building
Materials; Fertilizers and Agricultural Chemicals of all descriptions; Maine Certified Seed Potatoes; Steel
Wire Fencing; Many Kinds of Salt; Stone-ware; Jars and Jugs; Milk Bottles; Poultry Feeds;
and all Kinds of Farm Machinery adapted to Berkshire County and Vicinity

QUANTITY	ARTICLES	PRICE
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1924

FRANK HOWARD'S

Annual Spring Catalog

OF

Reliable "Seeds That Grow"

TOOLS and MACHINERY

The Unsettled market conditions render it impossible to make firm prices. You can, however, depend on us at all times to give you **BEST GOODS** and at **FAIR PRICES**. **PRICES, HOWEVER, ARE SUBJECT TO CHANGE WITHOUT NOTICE.**

WE PAY POSTAGE or EXPRESS on SEEDS in PACKETS, OUNCES, QUARTER-POUNDS and POUNDS, on other seeds if WANTED BY MAIL ADD POSTAGE as per following table:

PARCEL-POST ZONE RATES

Within the United States

Zone	Within	1st lb. or fraction	Additional lb. or fraction
1st	..50 miles of Pittsfield.....	5c.	1c.
2d	..50 to 150 miles of Pittsfield.....	5c.	1c.
3d	..150 to 300 miles of Pittsfield.....	6c.	2c.
4th	..300 to 600 miles of Pittsfield.....	7c.	4c.
5th	..600 to 1,000 miles of Pittsfield.....	8c.	6c.
6th	..1,000 to 1,400 miles of Pittsfield.....	9c.	8c.
7th	..1,400 to 1,800 miles of Pittsfield.....	11c.	10c.
8th	..1,800 and over miles of Pittsfield.....	12c.	12c.

"Our Seeds are Northern Grown, None Better at Any Price."

Our name is an absolute guarantee of the best in quality and price.

Make Our Store Your Headquarters While in the City. You Are Always Welcome.

GARDENER'S AND HEAD FARMER'S SITUATIONS

We keep a register of names of Practical Gardeners and Farm Managers also Farm Laborers who are in want of situations. If parties desiring such will write to us we shall be glad to put them in communication with men that we deem suitable. To aid us in making a selection we ask full particulars, and whether a married or single man is wanted. We make no charge for this service, either to employer or employee.

SPECIAL NOTICE.

I give no warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs, or plants I send out and will not be responsible for the crop.—FRANK HOWARD.

1924

FRANK HOWARD'S

GENERAL LIST OF

Standard Tested Vegetable Seeds
PRICES SUBJECT TO CHANGE

"Our Seeds are Northern Grown, None Better at Any Price."

ARTICHOKE,—Fr. *Artichaut*, GER. *Artischoke*, POL. *Karczoch*, IT. *Carciofo*.
Green Globe, The scales and bottom of flower head are eaten either boiled or raw as a salad. pkt. 20c., oz. \$1.00
Jerusalem, (Roots), lb. 35c

ASPARAGUS,—Fr. *Asperge*, GER. *Spargel*, POL. *Szparag*, IT. *Aparago*.

Culture.—Sow the seed thinly in rows 1 foot apart in April or May and keep down weeds; thin seedlings to 3 or 4 inches apart. One year old roots should be set out in spring, in rich sandy loam, dug 18 inches deep, work in plenty of well rotted manure. Every fall a good dressing of coarse manure and Quinnipiac or Mapes Fertilizers should be applied after tops are cut and in the spring forked in. Never cut closely.

PALMETTO,—The earliest good yielder, even and regular in growth, quality unequaled, Pkt. Oz. $\frac{1}{4}$ Lb.

COLOSSAL,—The old standard variety, 10 .15 .35

ASPARAGUS ROOTS,—Colossal { 2 year old roots per 100 \$1.75
 Palmetto { 3 year old roots per 100 2.25

Fr. *Haricots* BEANS POL. *Bob.*
 GER. *Bohnen* IT. *Fava*

CULTURE.—When ground is perfectly warm and dry, make drill 2 inches deep and 18 inches to 2 feet apart; drop the beans 3 inches apart in the drills, cover not over 2 inches deep. Hoe well in dry weather. Sow every two weeks for succession. Compost, Mapes, or Quinnipiac Fertilizer may be thoroughly worked into soil before planting.

Dwarf Green Podded Varieties

GIANT STRINGLESS GREEN POD,—

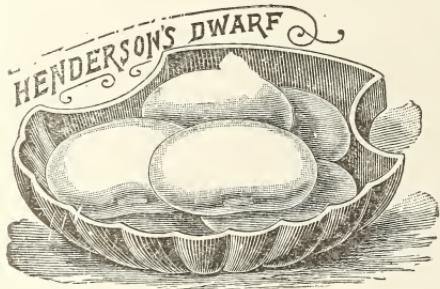
Very early, round pods absolutely stringless, fine quality, one of the finest string beans grown, $\frac{1}{2}$ lb. 25c., 1 lb. 40c., 2 lbs. 75c., 5 lbs. \$1.75.

IMPROVED EARLY RED VALENTINE,—

One of the earliest beans in cultivation. Round pod, $\frac{1}{2}$ lb. 25c., 1 lb. 40c., 2 lbs. 75c., 5 lbs. \$1.75.



Improved Early Red Valentine



IMPROVED ROYAL WHITE OR KIDNEY,—Excellent for shelling green or baking when ripe, $\frac{1}{2}$ lb. 20c., 1 lb. 30c., 2 lbs. 55c., 5 lbs. \$1.75.

LARGE WHITE MARROW,—The favorite for general feld crop, $\frac{1}{2}$ lb. 20c., 1 lb. 30c., 2 lbs. 55c., 5 lbs. \$1.75.

HENDERSON'S BUSH LIMA,—The earliest of the Bush Limas, very productive, requires no stakes or poles, quality excellent, $\frac{1}{2}$ lb. 25c., 1 lb. 40c., 2 lbs. 75c., 5 lbs. \$1.75.

BEANS—Continued

Dwarf It. *Fagioli Bassi*, Green Podded Varieties

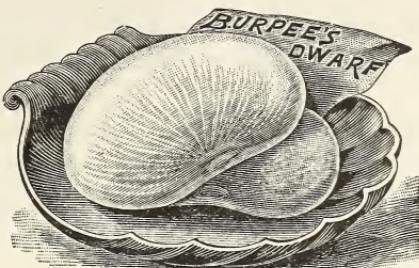
BOUNTIFUL,—Pods grow to large size, are broad and fleshy, cook tender and fine quality, $\frac{1}{2}$ lb. 25c, 1 lb. 40c, 2 lbs. 75c, 5 lbs. \$1.75

BURPEE'S STRINGLESS GREEN POD,—Very early, tender and crisp. Pods pale green, long and straight, round, meaty and stringless, $\frac{1}{2}$ lb. 25c, 1 lb. 40c, 2 lbs. 75c, 5 lbs. \$1.75.

BURPEE'S IMPROVED DWARF OR BUSH LIMA,—A perfect bush form of the true luscious large Lima grows from 18 to 20 inches high, stout, and erect growth, immense yielder, $\frac{1}{2}$ lb. 25c, 1 lb. 45c, 2 lbs. 85c, 5 lbs. \$2.00.

FORDHOOK BUSH LIMA, (New)—Both pods and beans are very large. $\frac{1}{2}$ lb. 30c, 1 lb. 50c, 2 lbs. 95c, 5 lbs. \$2.25.

HORTICULTURAL DWARF, or "Dwarf Cranberry," late and productive, flat pod. $\frac{1}{2}$ lb. 25c, 1 lb. 40c, 2 lbs. 75c, 5 lbs. \$1.75.

**Dwarf, Wax or Butter Varieties**

	$\frac{1}{2}$ lb.	1 lb.	2 lbs.	5 lbs.
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BLACK WAX, PENCIL POD,—Slender, long, round pods, hardy and prolific, splendid quality, best of the Black Wax varieties, .20 .35 .60 1.35

$\frac{1}{2}$ lb.	1 lb.	2 lbs.	5 lbs.
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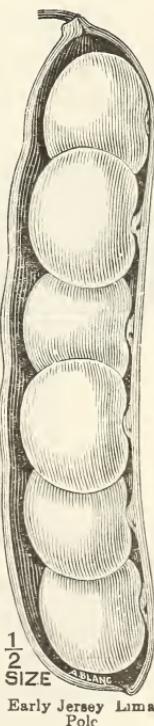
IMPROVED RUSTLESS GOLDEN WAX,—(Keeney's) Hardy and productive, pods flat, stringless, wax-like and handsome, .20 .35 .60 1.35

KIDNEY WAX ROUND-POD, (Brittle Wax)

—A handsome midseason variety, pods long and round, wax-like, stringless, fine quality .20 .35 .60 1.35

REFUGEE WAX,—The earliest wax variety, pods very tender, remaining so well through the season, heavy bearer,

.20	.35	.60	1.35
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**Climbing It. *Fagioli Altii* or Pole Varieties**

CULTURE.—Sow after danger from frost and soil is warm and dry in hills 4 feet each way. Poles 8 or 10 feet long, should be firmly set in hills before planting seed.

$\frac{1}{2}$ lb.	1 lb.	2 lbs.	5 lbs.
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GOLDEN CLUSTER WAX,—IMPROVED,—Pods 6 to 8 inches long, golden yellow, flavor delicious, bears early, and lasts until late in the season,

.25	.40	.75	1.75
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HORTICULTURAL OR CRANBERRY,—A popular variety for shelling,

.20	.35	.65	1.50
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EARLY JERSEY LIMA,—Fully two weeks earlier than the large Lima, and combines quality, quantity and earliness,

.20	.35	.65	1.50
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1/2 SIZE
Early Jersey Lima
Pole

"Our Seeds are Northern Grown, None Better at Any Price."

BEANS—Climbing or Pole Varieties—Continued

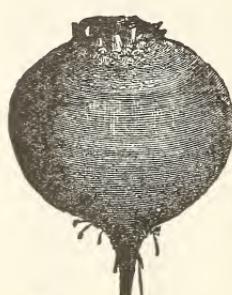
		$\frac{1}{2}$ lb.	1 lb.	2 lbs.	5 lbs.
DREER'S LIMA, —Thick, fine quality, . . . . .		.25	.40	.70	1.60
KING OF THE GARDEN LIMA, —Heavy cropper, bean and pod very large, . . . . .		.25	.40	.70	1.60
SCARLET RUNNERS, —Grown principally for ornament, scarlet blossom, . . . . .		.25	.40	.70	1.60
WHITE DUTCH RUNNERS, —Same habit as the scarlet, blossoms white, . . . . .		.25	.40	.70	1.60
OLD HOMESTEAD, (Kentucky Wonder) —Probably the earliest of the green podded pole varieties, enormously productive, tender and nice, . . . . .		.25	.40	.70	1.60

FR. *Betterave*
GER. *Rübe*

BEETS—Table Varieties

POL. *Burak*
IT. *Barbabietola*

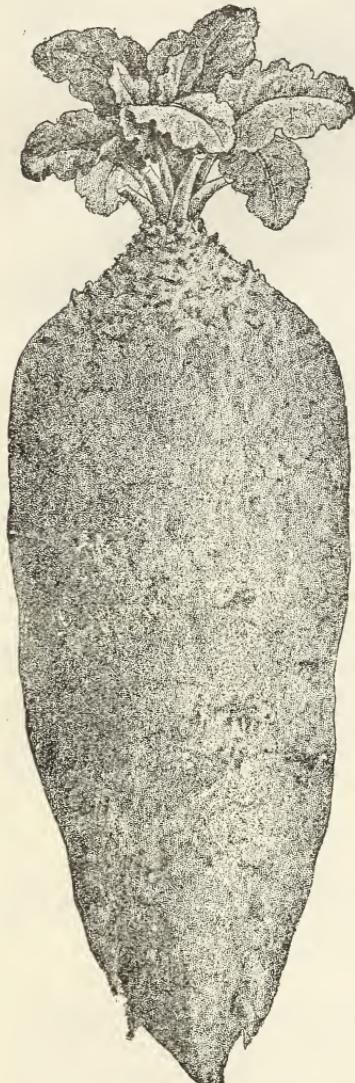
CULTURE.—Sow as early as the ground can be worked and every two weeks after, up to the first week of July for a succession. For general crop sow after middle of May. Sow in drills, 1 foot to 15 in. apart, and when well up thin from 4 to 6 in. Soil should be light, sandy loam, well enriched—very little danger of getting too rich.



Early Blood
Turnip Beet

		pkt.	oz.	$\frac{1}{4}$ lb.	1 lb.
BASSANO, —Early flat,—An early, tender variety, color light, . . . . .		.05	.15	.40	1.25
BASTIAN'S EARLY BLOOD TURNIP, —A good variety to follow Egyptian and Eclipse, . . . . .		.10	.20	.45	1.25
CROSBY EGYPTIAN BEET, —An improvement on the original Egyptian, fully as early and a better keeper, . . . . .		.10	.20	.45	1.25
CRIMSON GLOBE, —Selected. Rich deep crimson, fine quality tender and sweet, globe shaped, . . . . .		.10	.20	.45	1.25
DETROIT DARK RED TURNIP —Round, skin dark blood-red, flesh bright red, . . . . .		.10	.20	.45	1.25
EARLY BLOOD TURNIP, —A standard early variety, excellent quality, . . . . .		.05	.15	.40	1.25
ECLIPSE EARLY BLOOD TURNIP, —Very early, one of the best, color bright red, . . . . .		.10	.20	.45	1.25
SWISS CHARD OR SEA KALE BEET, —Grown exclusively for its leaves. The middle of the leaf can be used and served like asparagus, the rest like spinach, . . . . .		.10	.20	.45	1.25

"Our Seeds are Northern Grown, None Better at Any Price."



Mammoth Prize Long Red

MANGEL WURZEL

It. *Specie di Barbabietola*

CULTURE.—Mangels require deep soil to grow well. Plow and subsoil at least a foot to 18 in. Apply plenty of rich stable manure or Mapes or Quinnypiac Fertilizers. Sow latter part of May or in June (5 to 8 lbs. to acre), in rows not less than 18 inches apart and thin to 8 inches in the row. Young plants may be transplanted to fill up vacancies. When plants are 3 to 4 inches high sow 600 lbs. Quinnypiac or Mapes fertilizer to the acre. Cultivate and hoe well, keeping down weeds.

Oz. $\frac{1}{4}$ Lb. Lb.

MAMMOTH PRIZE LONG RED,

—One of the best for deep soil, roots very large, very heavy cropper,

.10 .25 .75

CHAMPION YELLOW GLOBE,

—Good keeper, smooth, globe shaped roots,

.10 .25 .75

GOLDEN TANKARD,—

Flesh bright yellow, said to contain a large amount of sugar,

.10 .25 .75

NORBITON GIANT,—

The largest variety grown, and one of

the most popular,

.10 .25 .75

LANE'S IMPERIAL SUGAR,—

White fleshed, said to contain a

large amount of sugar,

.10 .25 .75

BROCCOLI

Fr. *Chou-Brocoli*, GER. *Spargel Kohl*, It. *Broccoli*
Pkt. Oz.

WHITE CAPE,—(Cultivation same

as Cauliflower) one of the most certain to head, heads compact, creamy white,

.10 .50

BRUSSELS SPROUTS

Fr. *Chou de Bruxelles*
GER. *Rosen Kohl* It. *Brussels Broccolo*
(Cultivation same as Cabbage.)

IMPROVED DWARF,—

Compact heads, probably the best,

.10 .35

CAULIFLOWER

Fr. *Chou-Fleur* POL. *Kalafior*
GER. *Blumenkohl* IT. *Caro Fiore*

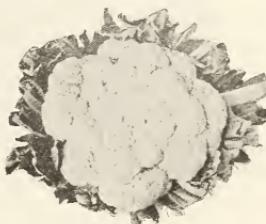
CULTURE.—Same as cabbage except that an extra amount of fertilizer and plenty of water may be used to advantage.

Pkt. Oz.

EARLY SNOWBALL,—The best cauliflower grown, a sure header, .25 3.50

EXTRA EARLY PARIS,—A standard variety, .15 1.50

EARLY FAVORITE,—An excellent very early variety, .20 2.50

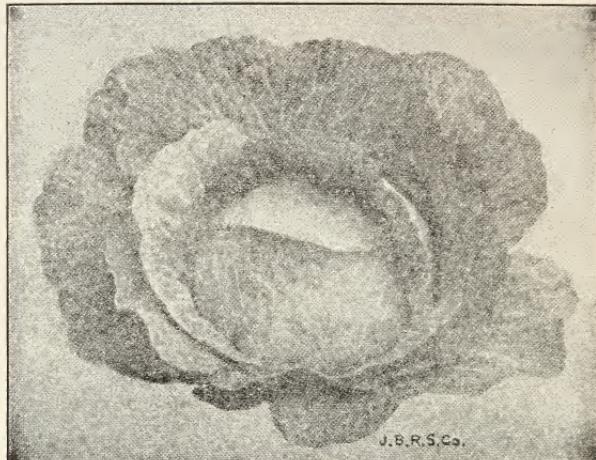


Snowball Cauliflower

CABBAGE

Fr. *Chou Pomme*
GER. *Kohl-Kraut*
POL. *Kapusta*
IT. *Cavolo*

CULTURE.—Soil for Cabbage should be rich, heavy loam, with good drainage. Use an abundance of stable Mapes or Quinnipiac Fertilizers, worked well into the soil. Sow in hot beds, transplanting in the spring as soon as the ground can be worked, 2 ft. apart one way and 12 to 18 in. the other, according to variety. For late crops, sow in May, transplant in July. If desired to cultivate with horse, set in rows of 2 ft. by 3 ft.



J.B.R.S.C.

ALL SEASONS,—Fine strain. Heads deep. Can be planted for early or late crop, 10c pkt., 35c oz., \$1.00 $\frac{1}{4}$ lb.

AUTUMN KING,—One of the finest of late cabbages, excellent keeper, 10c pkt., 35c oz., \$1.00 $\frac{1}{4}$ lb.

CHARLESTON LARGE WAKEFIELD,—About one week later than the Early Jersey Wakefield, but fully one half larger, 10c pkt., 40c oz., \$1.25 $\frac{1}{4}$ lb.

CHINESE (Wong-Boh) Chinese Celery Cabbage—delicate, mild, cabbage flavor, cultivation same as late cabbage, blanche by tying loosely with burlap, 10c pkt., oz., 50c, $\frac{1}{4}$ lb., \$1.50.

COPENHAGEN MARKET—The finest, large, round-headed, early Cabbage, solid, fine quality, short-stemmed, 10c pkt., 50c oz., \$1.50 $\frac{1}{4}$ lb.

EXCELSIOR LATE FLAT DUTCH,—A valuable late variety, one of the best for main winter crop, 10c pkt., 35c oz., \$1.00 $\frac{1}{4}$ lb. Pkt. Oz. $\frac{1}{4}$ Lb.

IMPROVED EARLY SUMMER,—Ten days later than Jersey Wakefield, large heads, excellent second early, 10 .35 1.00

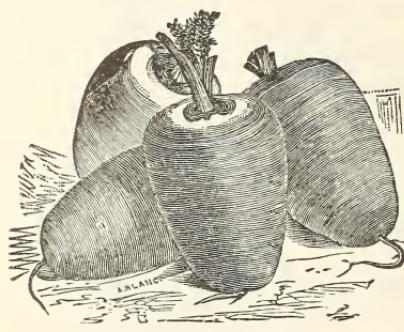
MAMMOTH ROCK RED,—Largest and surest header, red, 10 .40 1.25

SELECTED EARLY JERSEY WAKEFIELD,—The earliest cabbage, heads cone shaped and solid, 10 .40 1.25

EARLY WINNINGSTADT,—About three weeks later than Jersey Wakefield, heads cone shaped and solid, sure to head, 10 .35 1.00

DRUMHEAD SAVOY,—Very tender, excellent flavor, fine, 10 .35 1.00

HOLLANDER OR DANISH BALL HEAD,—Medium size heads, 10 .50 1.75



New Oxheart Carrot

Fr. *Carotte* CARROTS Pol. Marchew
GER. *Möhre* IT. *Carota*

CULTURE.—Sow from middle of May to first of July, in rows 10 in. apart for early, and 14 for main crop, or further apart if it is desired to cultivate with horse. Thin out to 5 in. in rows for early crop, 6 to 7 in. for main crop. Soil, light, sandy loam deeply dug, richly manured, hoe often, cultivate deep.

OXHEART OR GUERANDE,—Roots, short and very thick, intermediate between Scarlet Horn and Half Long, 10c pkt., 15c oz., 40c $\frac{1}{4}$ lb., \$1.25 lb.

DANVERS' HALF LONG,—(Pointed), heavy yielder, roots 8 to 10 inches long, thick, dark orange, 10c pkt., 15c oz., 45c $\frac{1}{4}$ lb., \$1.25 lb.

CARROTS—(Continued)

DANVER'S HALF LONG,—(Stump rooted), similar to above excepting that it has blunt roots, 10c pkt., 15c oz., 45c $\frac{1}{4}$ lb., \$1.25 lb.

EARLY SCARLET HORN,—An early variety, deep orange, blunt root, 6 to 8 in., 10c pkt., 15c oz., 45c $\frac{1}{4}$ lb., \$1.25 lb.

FRENCH FORCING,—Small round root, the earliest variety, .10 .20 .50 1.75

IMPROVED LONG ORANGE,—The best general crop in deep soil, excellent for stock or table, .05 .15 .35 1.00

FR. Celeri POL. Selera
GER. Sellerie IT. Sedano



CULTURE.—Sow seeds in light rich soil, as early as ground can be worked, in drills 8 or 10 inches apart, cover seeds about a quarter of an inch deep, rolling or treading them if ground is dry. When fairly out of seed leaf transplant or thin from 6 to 8 inches apart in the row, and let grow until wanted to plant out. Keep well wet down in dry weather. Set out in July, 6 to 8 inches apart, (press soil firmly against roots), in single row in shallow trenches, having previously worked a good quantity of well rotted manure in bottom of trench. It is well to work thoroughly into the soil under and around the trench a quantity of Mapes or Quinquipac Fertilizers. To raise good celery requires rich soil. Earth up two or three times, taking care not to let the earth get into the heart of the plant.

IMPROVED WHITE PLUME,—One of the easiest to raise as it requires no "banking up." Early and attractive, Pkt. Oz. $\frac{1}{4}$ Lb.

.10 .50 1.50

DWARF GOLDEN HEART,—Very solid golden yellow heart, excellent keeper, fine flavor, .10 .40 1.25

DWARF GOLDEN SELF BLANCHING,—One of the best early, solid, fine nutty flavor, good size, golden yellow, .20 1.00 3.00

GIANT PASCAL,—The largest variety grown, fine nutty flavor, excellent keeper easily blanched, .10 .40 1.25

WINTER QUEEN,—Very large, blanches well, excellent keeper, .10 .40 1.25

BOSTON MARKET,—Very popular, a strong grower, tender and crisp, .10 .40 1.25

SOUP CELERY,—(Old seed for flavoring), 10c oz., 20c $\frac{1}{4}$ lb., 60c lb.

FR. Cellerie Rave CELERIAC—(Turnip-Rooted Celery)
GER. Knoll Sellerie

CULTURE.—Similar to celery but needs no hillling up.

LARGE SMOOTH PRAGUE,—An improved variety, round, smooth roots, the largest and best variety, 10c pkt., 35c oz., \$1.00 $\frac{1}{4}$ lb.

FR. Cerfeuil CHERVIL POL. Blekotek
GER. Kerbel IT. Cerfoglio

CULTURE.—Same as parsley.

CURLED,—The leaves are used for flavoring, 10c pkt., 25c oz., 75c $\frac{1}{4}$ lb.

CHICORY IT. Cicoria

CULTURE.—Sow in June, transplant in autumn into sand in cellar.

LARGE ROOTED,—10c pkt., 25c oz., 85c $\frac{1}{4}$ lb.,

WITLOOF,—Known as French Endive. Sow in May or June in drills. Thin to 6 inches, treat as Endive until end of summer, when it should be banked like Celery. The blanched stalks are used as a salad. It is also used as a boiled vegetable; prepare as cauliflower. 10c pkt., 25c oz., .75 $\frac{1}{4}$ lb.

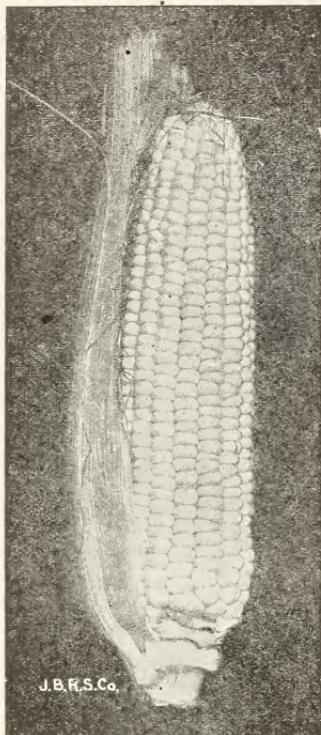
FR. Mache CORN SALAD OR FETTICUS IT. Valeriana Domestica
GER. Stecksalat

CULTURE.—Sow in August in drills $\frac{1}{4}$ in. deep, 6 in. apart, keep down weeds. Just before winter cover thinly with straw or leaves.

LARGE GREEN CABBAGING,—A small, hardy, salad, used also as a substitute for lettuce, 5c pkt., 20c oz., \$.50 $\frac{1}{4}$ lb.

FR. Mais CORN—(Sweet or Sugar) POL. Zboze
GER. Mais

CULTURE.—Plant in hills 3 ft. apart each way, and five or six kernels in a hill. Hoe often, drawing soil up to stem after first hoeing. Break off side shoots. Make ground very rich. If stable manure is used, it is perhaps best to plow it under. Use broadcast or in the hill Mapes or Quinnipiac Fertilizer, worked well into soil. It has been found very beneficial to sow these fertilizers between the rows before cultivating and hoeing the second time.



We have been very careful in selecting the best and sweetest varieties of corn adapted to this section. The list below is arranged in order as they would mature. If two or more varieties are selected and planted at same time, they would be ready for the table at different times, one following the other.

$\frac{1}{4}$ lb. $\frac{1}{2}$ lb. 1lb. 2lb. 5lb.

MAMMOTH WHITE CORY,

An improvement in size and quality over the white Cory, .15 .25 .40 .70 1.50

GOLDEN BANTAM,—Small yellow ears, delicious flavor, .15 .25 .40 .80 1.75

CROSBY EARLY,—An old and popular variety, rather small ears, good quality, .15 .25 .40 .70 1.50

MINNESOTA EARLY,—

Very early and desirable, ears fair size, good quality, .15 .25 .40 .70 1.50

SHAKER EARLY,—Large ears, excellent quality, .15 .25 .40 .70 1.50

BLACK MEXICAN,—Medium early, black kernels, .15 .25 .40 .70 1.50

POTTER'S EXCELSIOR,—

Fine large ears, very sweet, deep grain, medium early, .15 .25 .40 .70 1.50

COUNTRY GENTLEMAN,—

A distinct variety, rather small ear, cob very small, but of delicious quality (late), .15 .25 .40 .70 1.50

STOWELL'S EVERGREEN,

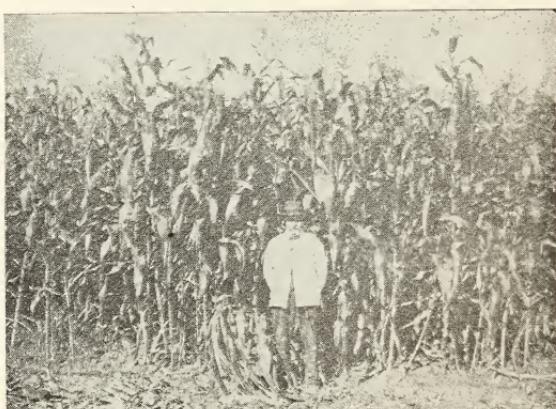
The standard for quality, and the best known variety, remains a long time in suitable condition for boiling, .15 .25 .40 .70 1.50

ENSILAGE OR FODDER CORN

GOLDEN BEAUTY,—An excellent ensilage corn, large growth. Produces an abundance of large ears, resembles the Leam- ing, but is earlier which is an advantage in Berk- shire County and vicinity.
Pk. 75c. Bu. \$2.50.

EUREKA,—A very large growing variety with an abundance of leaves.
Pk. \$1.00. Bu. \$3.50.

LEAMING,—The popular corn for ensilage, very well known, similar to the Golden Beauty, but not quite so early.
Pk. 65c. Bu. \$2.25.



A Local Field of Our GOLDEN BEAUTY Ensilage Corn

FIELD CORN

CULTURE.—Same as Sweet Corn. Some prefer to plant in drills. Use "Quinnipiac" or "Mapes" Fertilizer, worked well into the soil when planting and before second hoeing.

EIGHT ROW YELLOW,—From selected ears grown in this vicinity.

Price 15c lb., \$1.50 peck, \$5.00 bu.

TWELVE ROW YELLOW,—From selected ears grown in this vicinity. Price 15c lb., \$1.50 peck, \$5.00 bu.

POP CORN

RICE,—Shelled,—selected for seed,	Per lb.,	20c
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RICE,—" —for popping, price according to market.

FR. *Cresson* CRESS OR PEPPER GRASS POL. *Rzerzucha*

GER. *Garten Kresse* IT. *Crescione and Crescione di Riviera*

CULTURE.—Sow curled variety thickly in shallow drills every two or three weeks. Cut often. Sow water cress in damp soil or along streams of water.

Pkt. Oz. $\frac{1}{4}$ Lb.

EXTRA CURLED,—Used as salad, .05 .15 .50

TRUE WATER CRESS,—Grows along the banks of ponds and streams—a fine salad, .10 .85 3.00

FR. *Concumber* CUCUMBERS POL. *Ogorek*
GER. *Gurken* IT. *Cetriuola*

CULTURE.—For very early, sow seeds in hotbeds upon pieces of sod. Transplant when danger from frost is over. For general crop, sow in open ground when danger from frost is over and again every two weeks for a succession. For pickles sow from middle of June, to first week in July. Plant in hills 4 ft. apart, making hills rich.

TELEGRAPH,—For growing in hotbeds or greenhouses,

Pkt., 25c

BOSTON PICKLING,—One of the best for pickling, 10c pkt., 20c oz., 50c $\frac{1}{4}$ lb.

EARLY CLUSTER,—A popular variety, grows in pairs, 10c pkt., 20c oz., 50c $\frac{1}{4}$ lb.



HOWARD'S EARLY FORTUNE

JAPANESE CLIMBING,—Good for frames or open ground, 10c pkt., 20c oz., 50c $\frac{1}{4}$ lb.

HOWARD'S EARLY FORTUNE,—Selected, The finest type of White Spine yet produced. Early, very productive and disease-resisting. Fruits nine inches long, slightly tapering, flesh white, firm and crisp, with very few seeds, color rich dark green, one of the very best slicing and pickling cucumbers. pkt. 10c, oz. 20c, $\frac{1}{4}$ lb. 50c.

IMPROVED LONG GREEN,—The favorite for general crop, good pickler or slicer, 10c pkt., 20c oz., 50c $\frac{1}{4}$ lb.

NICHOL'S MEDIUM GREEN,—Intermediate between Long Green and Frame, 10c pkt., 20c oz., 50c $\frac{1}{4}$ lb.

SNOW'S PERFECTED PICKLE,—Excellent pickling cucumber, 10c pkt., 20c oz., 50c $\frac{1}{4}$ lb.

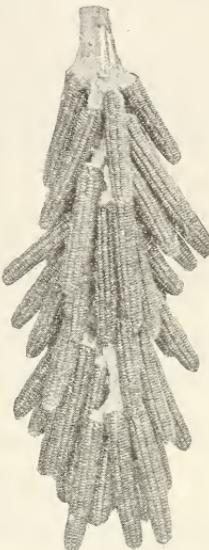
IMPROVED WHITE SPINE,—One of the popular varieties, early, vigorous grower, crisp and fine flavor, 10c pkt., 20c oz., 50c $\frac{1}{4}$ lb.



FR. *Pissenlit* DANDELION POL. *Papawa*
GER. *Amargon* IT. *Macerone*

CULTURE.—Sow in early Spring in drills 1-2 in. deep and 18 in. apart, thin plants to 12 in. Keep clear of weeds. The leaves will be ready to cut the following spring. They are best if blanched, which can be done by placing two boards edgewise over the row.

IMPROVED THICK LEAVED,—Very much superior to the common dandelion for greens. 20c per pkt., \$1.00 oz.



"Our Seeds are Northern Grown, None Better at Any Price."

FR. *Aubergine*
GER. *Eierpfanze* **EGG PLANT** IT. *Petronciano*

CULTURE.—Sow in hot beds very early in spring, transplant when 2 in. high into second bed or small pots, or thin to 4 in. apart. Plant out after weather is perfectly settled and warm. Set plants 3 feet by 2 feet.

NEW YORK IMPROVED SPINELESS,—The earliest and probably the best, 15c per pkt., 85c per oz., \$2.75 per $\frac{1}{4}$ lb.

FR. *Chicoree*
GER. *Endivie* **ENDIVE** POL. *Endywia*
IT. *Endiva*

CULTURE.—Sow in June, July or August, cover lightly, thin to 8 in. apart. Water well if dry. When leaves are 6 or 8 in. blanch by tying together near top; at approach of winter, take up with a ball of earth and put in cool dry cellar. Handling of plants must be done when perfectly dry.

GREEN CURLED,—The popular variety, one of the best salads for fall and winter use, 10c pkt., 20c oz., 50c $\frac{1}{4}$ lb.

MOSS CURLED,—10c pkt., 20c oz., 50c $\frac{1}{4}$ lb.

BROAD LEAVED,—A sweet variety; fall or winter, 10c pkt., 20c oz., 50c $\frac{1}{4}$ lb.

WHITE CURLED,—For early use, 10c pkt., 20c oz., 50c $\frac{1}{4}$ lb.

GOURDS POL. *Bania*
IT. *Zucca*

FANCY VARIETY MIXED,—5c pkt., 30c oz.

FR. *Chou Vert*
GER. *Blatterkohl* **KALE or BORECOLE** IT. *Cavolo Riccio*

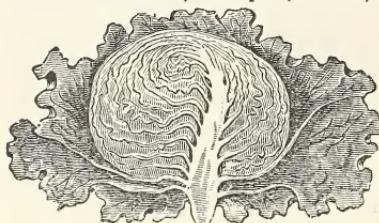
CULTURE.—Same as cabbage.

DWARF GREEN CURLED SCOTCH,—Grown for winter greens, 10c pkt., 20c oz., 60c $\frac{1}{4}$ lb., \$2.00 lb.

FR. *Chou Rave* **KOHL RABBI-or Turnip-Rooted Cabbage** IT. *Kohl Rapa*

CULTURE.—Sow in Spring in rows 18 in. apart, thin to 8 or 10 in., when thickened stems are 2 or 3 in. through above ground they are ready to eat and should be used at once. Cook same as turnips.

PURPLE VIENNA,—10c pkt., 30c oz., 85c $\frac{1}{4}$ lb.



Hanson Lettuce

FR. *Laitue* POL. *Salata Laktuka*
GER. *Lattich Salat* **LETUCE** IT. *Lattuga*

CULTURE.—Sow in hot beds, and in open ground as soon as it can be worked, sow again in 2 weeks for succession. Transplant in rows 8 in. apart. Cos should be started very early in hot beds, and to blanch should be tied. Lettuce requires very rich ground well pulverized, in fact lettuce to be tender and crisp should have rapid growth, otherwise it will be tough and probably bitter.

Pkt. Oz. $\frac{1}{4}$ Lb.

BIG BOSTON,—About twice the size and one week later than The Boston Market, produces large solid heads, light green, edges slightly tinged brown.

.05 .20 .60

BOSTON MARKET,—Edges slightly tinged with red, good forcing or out-door variety,

.05 .20 .60

GRAND RAPIDS,—One of the best forcing varieties, strong grower, curly, tender, crisp and retains its freshness a long time after being cut, light green.

.05 .20 .60

GOLDEN QUEEN,—Medium size golden yellow, solid heads, early,

.05 .20 .60

HANSON IMPROVED,—Outer leaves green, inner white, sure header, excellent quality, very satisfactory,

.05 .20 .60

ICEBERG,—Large solid heads, curly, crisp, good flavor, outer leaves light green,

.05 .20 .60

MAY KING,—Large, round, solid heads, outer leaves yellowish green, tinged with brown, inside rich, golden yellow, early,

.05 .20 .60

NEW YORK CABBAGE,—Not a forcing variety but one of the best summer lettuces, forms large heads, inside white,

.10 .30 1.00

PHILADELPHIA BUTTER,—Inner leaves yellow, heads solid,

.05 .20 .60

PRIZE HEAD,—Non-heading variety, very early, leaves green and red, thin, crisp and tender,

.05 .20 .60

SALAMANDER,—Heads compact, resists summer heat admirably, light green outside, white inside,

.05 .20 .60

LETTUCE—(Continued)

	Pkt.	Oz.	1/4 Lb.
SIMPSON BLACK SEEDED,—Leaves yellow, good for forcing or sowing out of doors.	.05	.20	.60
TENNIS BALL, BLACK SEEDED,—Forms handsome hard head, crisp and tender, green,	.05	.20	.60
TENNIS BALL, WHITE SEEDED,—Excellent forcing variety, head firm, white and crisp, green, brownish blotches,	.05	.20	.60
TRIANON COS OR ROMAINE,—Self-closing, an excellent variety, bleaches white, very crisp and tender,	.05	.20	.60
WHITE PARIS COS,—Has long narrow leaves, does not head, but when tied up blanches very nicely,	.05	.20	.60

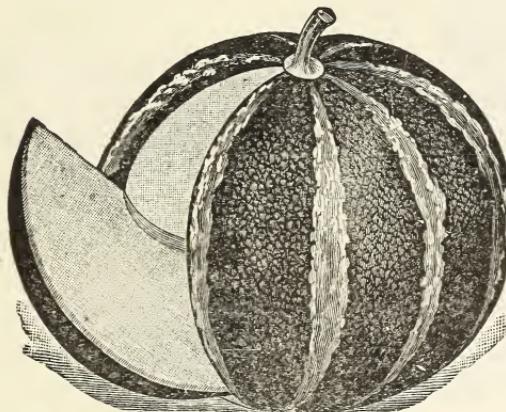
FR. *Poireau* LEEK POL. *Pory*
GER. *Lauch* IT. *Porro*

CULTURE.—Sow very early in drills 6 inches apart and 1 inch deep. Thin to 1 inch. When 7 inches high, transplant in rows 12 inches apart, deep as possible without covering center leaves. Water well if dry when planted out. Draw soil up to them as they grow. Rich soil is necessary.

BROAD AMERICAN FLAG,—By far the best variety grown, 10c pkt., 25c oz., 75c $\frac{1}{4}$ lb.

MUSK MELON

CULTURE.—Light, sandy soil, very rich, plant when ground is dry and warm, in hills from 4 to 6 feet apart each way, 10 or 12 seeds to a hill. When well up and danger from insects is past, thin to 3 or 4 plants to hill. Pinch ends of growing shoots to induce early fruiting.



EMERALD GEM,—Medium size skin smooth, deep green, flesh salmon, delicious flavor, 5c pkt., 20c oz., 50c $\frac{1}{4}$ lb.

GOLDEN NETTED GEM —
Round, very early, delicious,
5c pkt., 20c oz., 50c $\frac{1}{4}$ lb.

MILLER'S CREAM OR OSAGE
—Delicious flavor, flesh thick,
salmon pink, 5c pkt., 20c oz.,
50c $\frac{1}{4}$ lb.

ROCKY FORD,—Netted, very sweet and fine flavored, 5c pkt., 20c oz., 50c $\frac{1}{4}$ lb.

SURPRISE,(Benders)—One of the best for this section, flesh deep salmon, thick and fine flavor, 5c pkt., 20c oz., 50c $\frac{1}{4}$ lb.

Fr. Melon d'eau *GER. Wasser Melone* **WATER MELON** *POD. Kawon*
It. Auguria

CULTURE.—Same as Musk Melon, only plant further apart, about 8 or 10 feet			
PHINNEY'S EARLY,—Very early, fine quality, excellent variety for this section,	Pkt.	Oz.	1/4Lb.
	.05	.15	.40
MOUNTAIN SWEET,—Early, oblong, dark green, flesh red, solid, sweet,	.05	.15	.40
CITRON,—Red Seed,—For Preserving,	.05	.15	.40

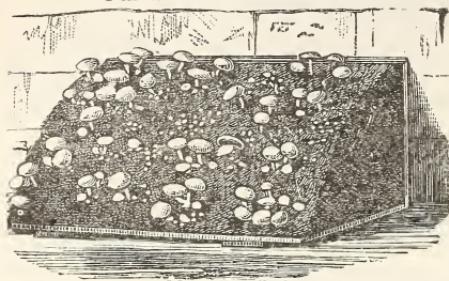
**FR. Moutarde MUSTARD POL. Nasienie Gorczycne
IT. Seme di Senapa**

CULTURE.—Sow thickly during early spring in shallow drills. Sow early in September for fall salad.

BLACK OR BROWN,—For salads, 5c pkt., 15c oz., '40c $\frac{1}{4}$ lb.

WHITE LONDON,—For salads, 5c pkt., 15c oz., 40c $\frac{1}{4}$ lb.

"Our Seeds are Northern Grown, None Better at Any Price."



Mushroom Bed

MUSHROOM SPAWN

Pol. Grzyb It. Fungo

CULTURE.—Mushrooms are more easily cultivated than many people imagine and may be grown in any room or cellar where the temperature can be maintained at from 50 to 65 degrees. For the beds use a mixture of three parts horse droppings and one part good fresh loam. Before being placed in the bed, let the manure be put in some dry place to sweeten, mixing it thoroughly and turning it three or four times, when the loam may

be added. Upon a dry firm bottom, make the bed by spreading a thin layer of the prepared mixture, pounding it firm, and continue this, till the bed is twelve inches thick. Leave it thus for about a week, or until the temperature has subsided to 85 degrees. Then make holes about ten inches apart, and put in each a piece of spawn about the size of an egg. Press the spawn firmly into the compost about two inches, leaving the top uncovered to allow the excess of heat and moisture to pass off without injury to the germs. After ten days, fill the holes and cover the whole bed with two inches of fresh loam, and over this place a few inches of straw. If the temperature is right, mushrooms will appear in six or eight weeks from the time of spawning. The bed will continue bearing from four to six weeks. If the surface of the bed becomes dry at any time, it should be moistened freely with water at a temperature of 90 to 100 degrees.

Our stock of spawn is replaced a number of times during the season and is giving excellent results.

AMERICAN,—In bricks, per brick 35c. 10 bricks \$3.25.

NASTURTIUM—(See Flower Seed)

Fr. Gombaud

OKRA OR GUMBO

GER. Ocher

CULTURE.—Sow late in Spring when ground is warm, in drills 3 ft. apart, thin from 9 to 12 in. They should be well manured.

Pkt. Oz. $\frac{1}{4}$ Lb. Lb.

DWARF WHITE VELVET,—Pods round, smooth and white, very

.10 .15 .30 1.00

prolific,

.10 .15 .30 1.00

DWARF GREEN,—Very early,

Fr. Ognon
GER. Zwiebel

ONIONS

POL. Cebula

IT. Cipolla Seme

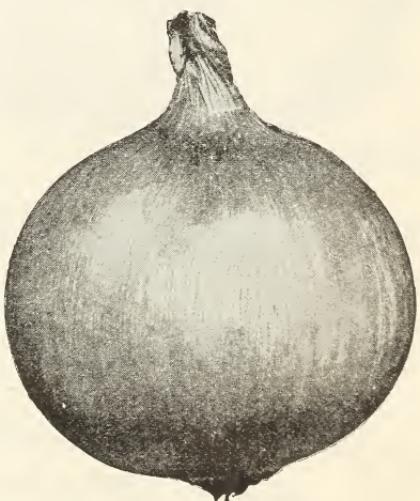
CULTURE.—Sow in rich light soil in drills 1 ft. apart (or wider if to be cultivated with horse). Hoe or rake frequently to keep down weeds. Use Mapes or Quinnipiac Fertilizers.

YELLOW GLOBE DANVERS—Howard's Finest Strain.—This seed is grown from the very earliest, and best selected Onions, and is very much superior to the average seed offered.—The Yellow Globe Danvers is the standard variety, good yielder, excellent keeper, 10c pkt., 25c oz., 75c $\frac{1}{4}$ lb., \$2.25 lb.

YELLOW GLOBE DANVERS,—Fine Strain, —While this is not equal to our finest strain, it is fully equal to most onion seed, and the same that is usually sold by dealers, 10c pkt., 20c oz., 60c $\frac{1}{4}$ lb., \$1.75 lb.

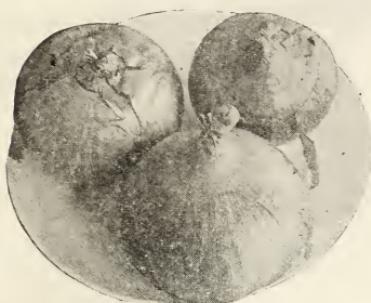
EXTRA EARLY FLAT RED,—Very early, medium size, mild, 10c pkt., 25c oz., 75c $\frac{1}{4}$ lb. \$2.25 lb.

NEW QUEEN,—Rapid grower, mild flavor, flat, white, fine for pickling, 10c pkt., 30c oz., 85c $\frac{1}{4}$ lb., \$3.00 lb.



"Our Seeds are Northern Grown, None Better at Any Price."

ONION SEED



HOWARD'S EXTRA EARLY RED GLOBE,—Ten days earlier than Southport Red Globe, color beautiful bright red, 10c pkt., 25c oz., 75c $\frac{1}{4}$ lb., \$2.25 lb.

ONION SETS

Ir. *Cipollina*

1 lb. 4 lbs. 8 lbs. 32 lbs.

White, price subject to change,	.30	1.10	2.00	7.50
Yellow, price subject to change,	.25	.90	1.75	6.75
Yellow Japanese, an improvement on the Yellow,	.30	1.10	2.00	7.50

Fr. *Persil* **PARSLEY** POL. *Pietruszka*

GER. *Petersilie* Ir. *Petrosello* or *Prezzemolo*

CULTURE—Soak seed a few hours in warm water, sow early, and until the middle of July in drills 1 ft. apart. Thin to 4 in. For winter use, transplant to light cellar.

CHAMPION MOSS CURLED,—Beautifully crimped and curled, 5c pkt., 15c oz., 40c $\frac{1}{4}$ lb., \$1.25 lb.

FINE DOUBLE CURLED,—A standard variety, finely curled leaves, 5c pkt., 15c oz., 40c $\frac{1}{4}$ lb., \$1.25 lb.

FERN LEAVED,—Has a feathery, fern-like appearance, 5c pkt., 15c oz., 40c $\frac{1}{4}$ lb., \$1.25 lb.

Fr. *Panais* **PARSNIP** POL. *Pasternak*
GER. *Pastinake* It. *Pastinaca*

CULTURE.—Sow in drills 18 in. apart as soon as ground can be worked in Spring in rich soil, well and deeply dug. Thin to 6 or 8 in. Keep weeds down.

Pkt. Oz. $\frac{1}{4}$ lb. Lb.

LONG SMOOTH WHITE ,—Standard variety, long, smooth, white roots,	.05	.20	.75	2.00
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HOLLOW CROWNED ,—An excellent variety, fine quality,	.05	.20	.75	2.00
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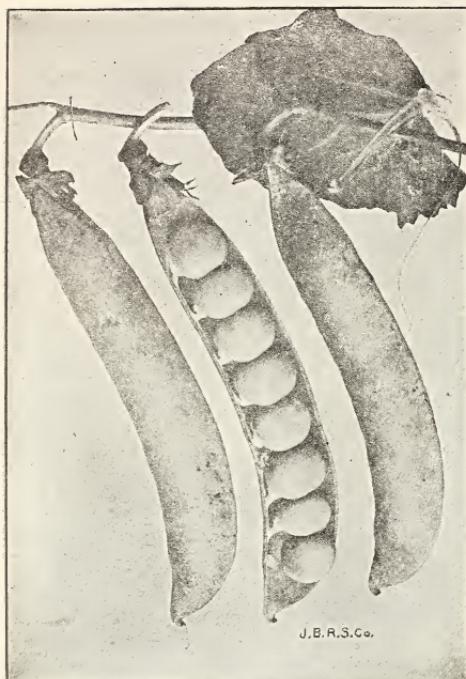
STUDENT ,—Fine strain, with long smooth roots,	.05	.20	.75	2.00
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Fr. *Pois* **PEAS** POL. *Groch*
GER. *Erbsen* It. *Piselli*

CULTURE.—For Peas, light dry soil is best. Sow as early as ground can be worked, and again every ten days for succession. Peas may be sown as late as August 15th. Medium and late Peas must be planted early. Early Peas may be planted early or late, and the extra early very late. Sow in single or double rows from 4 to 6 feet apart, according to variety, and about an inch apart in the row and 4 in. deep. Hoe often, keep ground clean and fine. Most Dwarf Peas will bear better if bushed enough to keep them from the ground. If the pea louse attacks the vines, spray every day with clear water of the same temperature as the atmosphere, using force.



Champion Moss Curled Parsley



"Our Seeds are Northern Grown,
None Better at Any Price."

PEAS—(Continued)—Extra Early Dwarf *It. Piselli Bassi* Varieties

Those marked with a star () are wrinkled peas and unless otherwise stated, should be sown thicker than the round Peas.

A peck (8 quarts) of Wrinkled Peas weighs about 1 $\frac{1}{4}$ pounds.

Height $\frac{1}{2}$ lb. 1lb. 2lbs. 5lbs. 10lbs
in ft.

*HOWARD'S HUNDRED FOLD—

One of the best of the extra early large podded varieties, 1 $\frac{1}{3}$.20 .35 .65 1.50 2.80

*HOWARD'S EARLY DWARF—A new, very early, wrinkled variety which promises to be one of the best of the dwarf peas,

1 $\frac{1}{4}$.20 .35 .65 1.50 2.80

*LAXTONIAN,—Very large, dark green, curved pods and peas of finest flavor, good yielder, very early,

1 $\frac{1}{2}$.20 .35 .65 1.50 2.80

*NOTT'S EXCELSIOR,—Fine quality, very early, good yielder,

1 .20 .35 .65 1.50 2.80

*SUTTON'S EXCELSIOR—Similar to Nott's larger pods, 1 $\frac{1}{4}$.20 .35 .65 1.50 2.80

Extra Early Varieties—Not Dwarf HOWARD'S EXTRA EARLY

One of the very earliest peas grown, ripens evenly, pods well filled, in quality and productiveness it is fully equal to any of the early smooth sorts, height,

3 ft. .20 .35 .65 1.50 2.80

ALASKA,—The earliest blue pea, fine sort, hardy and productive,

2 $\frac{1}{2}$.20 .35 .65 1.50 2.80

*GRADUS,—(Prosperity),—One of the finest extra early peas yet introduced. It is in condition to pick about five days after our Extra Early, pods large, well filled with wrinkled deep green peas,

2 $\frac{1}{2}$.20 .35 .65 1.50 2.80

"Our Seeds are Northern Grown, None Better at Any Price."

PEAS—(Continued)—Extra Early Varieties

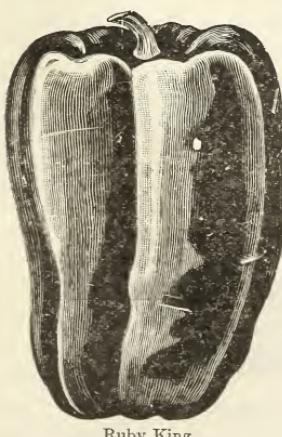
	Height in feet	½ Lb.	1 Lb.	2 Lbs.	5 Lbs.	10 Lbs.
*THOMAS LAXTON,—Very early and productive, pods large, finest flavor,	3	.20	.35	.65	1.50	2.80

Second Early Varieties

*EVERBEARING,—Remains long time in bearing, peas large. pods long, fine flavor,	3	.20	.35	.65	1.50	2.80
*NEW DWARF CHAMPION,—Very productive, large peas, delicious flavor,	2½	.20	.35	.65	1.50	2.80

Tall Late Varieties It. *Piselli Altì*

*ALDERMAN,—Extra large pods, filled with large wrinkled peas of fine flavor, very productive,	4	.20	.35	.65	1.50	2.80
*HOWARD'S PRIZE WINNER,—New, large pods, similar to Telephone, but shorter vine, excellent quality.	2½	.20	.35	.65	1.50	2.80
*CHAMPION OF ENGLAND,—One of the richest, best flavored peas, well known and popular,	4½	.20	.35	.65	1.50	2.80
*IMPROVED TELEPHONE,—Very fine strain, pods very large, well filled, quality excellent,	4	.20	.35	.65	1.50	2.80
CANADA FIELD,—Principally sown for feeding stock, market price, pk., \$1.50, bu., \$5.00.						
BLACKEYED MARROWFAT,—An old-time favorite,	5	.15	.25	.45	1.00	1.80
SUGAR, MAMMOTH MELTING,—Edible pods,	4	.25	.45	.75		



Ruby King

Fr. *Piment* PEPPERS It. *Peperona* GER. *Pfeffer*

CULTURE.—Sow in hotbeds in March, when soil is warm, set in rows 2 ft. and 18 in. in the row. Hoe frequently.

LARGE BELL OR BULL NOSE,—A favorite, large, mild, red,	Pkt.	Oz.	¼ Lb.
LONG RED CAYENNE,—Small, long, bright, red, extremely strong,	.10	.50	1.75
CHINESE GIANT,—Very large, flesh mild and thick, bright scarlet,	.10	.50	1.75
RUBY KING,—Mild, very large and handsome,	.10	.80	2.50
SWEET MOUNTAIN,—Large and mild, a popular sort,	.10	.75	2.25
RED CHERRY,—Cherry-shaped, for pickles,	.10	.50	1.75

Fr. Pomme de Terre
GER. Kartoffel

POTATOES Pol. Kartofel
IT. Patata



CULTURE.—So many conflicting opinions exist as to the best method of growing potatoes, that we do not venture to give directions for culture. We do, however, make the following suggestions: Plant in such a manner that most of the heavy hard work can be done by the horse. Use "Mapes Potato Manure," or "Quinnipiac Potato or Market Garden," in sufficient quantities to insure a crop. Always bear in mind that to get the full benefit of the fertilizer and not burn the roots it should be thoroughly mixed with the soil. If stable manure is used at all, it should not come in contact with the tubers, as it is sure to make the crop rough and scabby.

In Aroostook County, Maine, the usual amount of fertilizer used per acre is one ton of high grade, and they spray every two weeks, to prevent blight.

The Potatoes shown in cut were raised from our Maine Grown Seed, the crop was uniform, heavy, and of excellent quality.

Use the "Quinnipiac or Mapes Fertilizers." To insure quantity and quality in your potato crop, there are positively no better fertilizers made.

Certified Seed Potatoes

THE SEED POTATOES which we are offering here, at these prices, were Planted, Grown and Harvested for seed under Official Inspection in the northern part of Aroostook County on the Canadian Border, and are Certified by Government Officials.

PRICES SUBJECT TO CHANGE

	7½ Lb.	15 Lb.	60 Lb.	Sack	165 lb.
CERTIFIED IRISH COBBLER,—The Cobbler is one of the earliest grown, skin creamy white, flesh white, and of excellent quality—heavy cropper.	.60	1.00	3.50	8.00	
CERTIFIED GREEN MOUNTAIN,—A well known late variety, white flesh, oval form, excellent quality, heavy yielder, a fine keeper,	.60	1.00	3.50	8.00	
CERTIFIED SPAULDING ROSE,—A handsome red potato, somewhat flat, white flesh, excellent quality, vigorous grower and heavy yielder, somewhat later than the Early Rose,	.60	1.00	3.50	8.00	

Fr. Potiron

GER. Grosse Kurbis

PUMPKINS

It. Zucca

CULTURE.—Same as for squash, or may be planted with corn..

CONNECTICUT FIELD,—The popular one for general crop, usually grown in corn fields for stock. Prices on application.

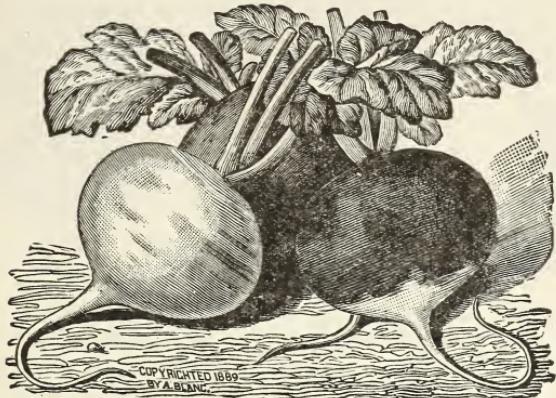
KING OF THE MAMMOTHS,—Grows very large, round, flat, yellow,

SWEET OR SUGAR,—Small, round, yellow, excellent for pies,

Pkt.	Oz.	¼Lb.
.10	.25	.70
.10	.20	.50

"Our Seeds are Northern Grown, None Better at Any Price."

FR. *Radis, Rave* GER. *Radies* RADISH POL. *Rzodkiew*
IT. *Ravanello*



CULTURE.—Sow as soon as ground is dry, in rows 8 to 12 in. apart, and every 10 days after for succession, up to middle of June. Light, rich soil.

CRIMSON GIANT,—Grows large, but never pithy, one of the best, intermediate in season, 5c pkt., 15c oz., 45c $\frac{1}{4}$ lb., \$1.45 lb.

EARLY ROUND DARK RED,—Early, pleasant flavored, 5c pkt., 20c oz., 60c $\frac{1}{4}$ lb., \$2.00 lb.

EARLY SCARLET TURNIP,—Popular, quick grower, mild flavor, 5c pkt., 20c oz., 60c $\frac{1}{4}$ lb., \$2.00 lb.

SCARLET TURNIP, WHITE TIPPED,—Very early, fine quality, 5c pkt., 20c oz., 60c $\frac{1}{4}$ lb., \$2.00 lb.

OLIVE SHAPED SCARLET,—Early, flesh firm and crisp, 5c pkt., 20c oz., 60c $\frac{1}{4}$ lb., \$2.00 lb.

	Pkt.	Oz.	$\frac{1}{4}$ Lb.	Lb.
FRENCH BREAKFAST ,—Olive-shaped, white-tipped, popular,	.05	.15	.45	1.45

SCARLET GLOBE,—One of the earliest, good for forcing or open ground culture, crisp and tender,

LONG SCARLET SHORT TOP ,—The old favorite,	.05	.15	.45	1.45
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LONG ICICLE,—Pure white, fine flavor,

Winter Radishes IT. *Ravanello Invernale*

ROUND BLACK SPANISH,—Skin black, globe-shaped, tender, .10 .20 .50 1.50

LONG WHITE SPANISH,—Skin white, mild, .10 .20 .50 1.50

ROSE CHINA WINTER,—Rose-colored skin, flesh white, quality excellent, .10 .20 .50 1.50

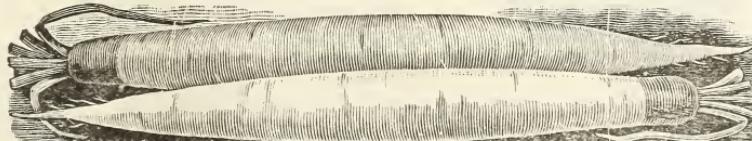
FR. *Rhubarbe* GER. *Rhabarber* RHUBARB POL. *Rubarbarum*
IT. *Rabarbero*

CULTURE.—Sow seed in March in cold frame, keep from freezing, transplant to open ground in about 8 weeks, in rows 12 in. apart each way. The following spring transplant to 4 or 5 feet apart each way. Ground should be very rich. Cover in fall with thick dressing of coarse manure, spade under in the spring.

VICTORIA,—A popular variety, 10c pkt., 30c oz.

ROOTS,—Each 20c, \$1.75 doz.

FR. *Salsifis* GER. *Haferwurzel* SALSIFY OR VEGETABLE OYSTER IT. *Sassefroca*



CULTURE.—Sow as early as ground can be worked in spring, in drills 12 in. apart, 1 in. deep. Thin to 6 in. in row. Cultivate and treat as parsnips.

MAMMOTH SANDWICH ISLAND,—The best variety, 10c pkt., 30c oz., 80c $\frac{1}{4}$ lb.

"Our Seeds are Northern Grown, None Better at Any Price."

FR. *Espinard*
GER. *Spinat*

SPINACH Pol. *Szpinak*
It. *Spinace*



CULTURE.—Sow early in spring in drills one ft. apart. As it grows, thin out for use. For fall use sow in August. Sow New Zealand in hills two feet apart each way, three or four seeds in hill. This is fit for cutting all summer.

BLOOMSDALE SAVOY LEAVED.—Crinkled leaves, hardy, fine quality, 10c pkt., 15c oz., 30c $\frac{1}{4}$ lb., 75c lb.

KING OF DENMARK—"Antvorskov." A new variety, promising to replace all others, as it is very slow to go to seed, leaves large, dark green, crumpled, round and thick, excellent quality, quick grower. 10c pkt., 15c oz., 30c $\frac{1}{4}$ lb., 85c lb.

LONG-STANDING THICK-LEAVED.—Dark green, stands a long time before going to seed, 10c pkt., 15c oz., 30c $\frac{1}{4}$ lb., 85c lb.

Pkt.	Oz.	$\frac{1}{4}$ Lb.	Lb.
------	-----	-------------------	-----

NEW ZEALAND.—Should be started and transplanted; grows well during the hot weather. Seed should be soaked in hot water before sowing,

.10	.15	.40	1.25
-----	-----	-----	------

THICK-LEAVED ROUND.—One of the best, leaves large, thick, crumpled,

.10	.15	.30	.85
-----	-----	-----	-----

VICTORIA.—Leaves very large, thick and much wrinkled, dark green, stands hot weather well and is exceedingly slow to shoot to seed.

.10	.15	.30	.75
-----	-----	-----	-----

PRICKLY WINTER,—

.10	.15	.30	.75
-----	-----	-----	-----

Fr. Courge SQUASH—Summer Varieties GER. *Kuerbis*

CULTURE.—Sow in hills same time and manner as cucumbers and melons, the bush varieties 3 to 4 feet and running 6 to 9 feet.

WHITE BUSH SCALLOP.—Very early, Pkt. Oz. $\frac{1}{4}$ Lb. Lb. good shipper, .05 .20 .50 1.75

.10	.15	.40	1.25
-----	-----	-----	------

YELLOW BUSH SCALLOPED.—Same as above, excepting color, .05 .20 .50 1.75

.10	.15	.30	.85
-----	-----	-----	-----

GIANT SUMMER CROOKNECK BUSH.—The favorite summer variety, .05 .20 .65 1.75

.10	.15	.30	.75
-----	-----	-----	-----

VEGETABLE MARROW.—Summer and fall variety, outside yellow, flesh white, .10 .30 .80

.10	.15	.30	.75
-----	-----	-----	-----



Fall and Winter Varieties

Pkt.	Oz.	$\frac{1}{4}$ Lb.	Lb.
------	-----	-------------------	-----

BOSTON MARROW.—Fine fall variety, oval, bright orange, .05 .20 .60 2.00

.05	.20	.60	2.00
-----	-----	-----	------

DELICIOUS.—Green skin, orange flesh, fine grained, sweet and dry, .05 .20 .60 2.00

.05	.20	.60	2.00
-----	-----	-----	------

IMPROVED HUBBARD.—The leading variety, fine, grained, dry, excellent, flavor, .05 .20 .60 2.00

.05	.20	.60	2.00
-----	-----	-----	------

IMPROVED MARBLEHEAD.—Similar to Hubbard, a trifle earlier, .05 .20 .60 2.00

.05	.20	.60	2.00
-----	-----	-----	------

MAMMOTH CHILI.—Orange yellow, grows very large, .05 .20 .60 2.00

.05	.20	.60	2.00
-----	-----	-----	------

SUNFLOWER.—See Flower Seeds.

TOBACCO.—Connecticut Seed Leaf, 10c pkt., 50c oz.

"Our Seeds are Northern Grown, None Better at Any Price."

FR. *Tomate*
GER. *Liebsapfel* **TOMATO** IT. *Tomata or Pomidoro*

CULTURE.—Sow thinly in March in hotbed or in boxes in the house; when 2 inches high set out plants in boxes, four inches apart or pot singly. If again transplanted before setting in the ground they will be benefited. Plant out about June 1st. Set deeply 4 feet each way. Make hills very rich. Support with frame work or train to stakes.



	Pkt.	Oz.	1/4Lb.
ACME,—Early, smooth, solid, color purplish red,	.10	.40	1.25
BEAUTY (Livingston's),—Large, smooth, solid, purplish red,	.10	.40	1.25
CHALK'S EARLY JEWEL,—New, large, solid, smooth, bright red, very early,	.10	.40	1.25
CORELESS (Livingston's),—Almost round, bright red, very productive, Ripens all over at once, almost free from green core, fine for slicing,	.10	.60	2.00
CRIMSON CUSHION,—Very large, scarlet crimson, few seeds, fine new variety,	.10	.50	1.75
DWARF CHAMPION,—Vine compact and upright, very early, smooth, color same as Acme,	.10	.45	1.25
EARLIANA,—Extra early, bright red,	.10	.45	1.25
FAVORITE, (Livingston's),—Large, smooth, productive, good shipper,	.10	.40	1.25
PERFECTION, (Livingston's),—Early, regular, productive, blood-red, few seeds,	.10	.40	1.25
PONDEROSA,—One of the largest, solid, good flavor, bright red,	.10	.85	3.00
RED CHERRY,—Fruit small, about $\frac{5}{8}$ inch in diameter, fine for preserves,	.10	.50	
STONE,—Very solid, deep red, apple shape, large, good shipper,	.10	.40	1.25
YELLOW PLUM,—Plum shaped, deep yellow, fine flavored,	.10	.50	
TROPHY, Extra Selected,—A standard late sort,	.10	.40	1.25

FR. *Navel* GER. *Weiz Ruben* **TURNIP** POL. *Rzepa or Brukiew* IT. *Rapa*

CULTURE.—For early turnips sow as soon as ground can be worked. For fall and early winter sow from middle of July to August. Sow Ruta Bagas in June or early in July in drills 18 in. apart; thin from 6 to 9 inches; soil should be rich and well worked. The early varieties may be sown broadcast, but Ruta Bagas should be sown in drills.

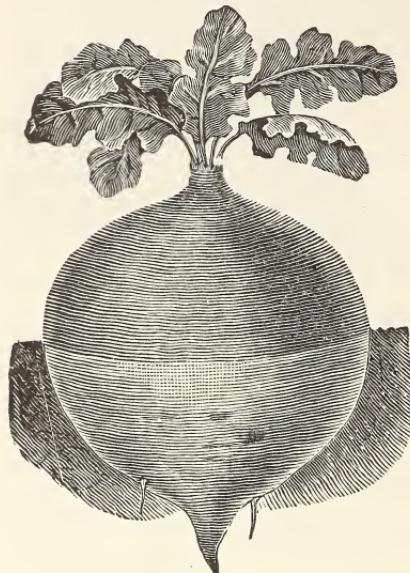


	Pkt.	Oz.	1/4Lb.	Lb.
EARLY SNOWBALL, — Round, medium size, fine quality,	.05	.15	.40	1.25
EARLY WHITE FLAT DUTCH,—Sweet and fine grained,	.05	.15	.40	1.25
EXTRA EARLY PURPLE TOP MILAN,—The earliest turnip grown,	.05	.20	.40	1.25
LONG WHITE COWHORN,—Roots carrot shaped, flesh firm, white and sweet,	.05	.15	.40	1.25
PURPLE TOP STRAP-LEAVED,—The leading variety for sowing broadcast, good for stock or table use,	.05	.15	.40	1.25
PURPLE TOP WHITE GLOBE,—Good for stock or table,	.05	.15	.40	1.25
IMPROVED GOLDEN BALL,—An excellent table variety, round, yellow fleshed, sweet and solid,	.05	.15	.40	1.25
WHITE EGG,—Good yielder, flesh firm, fine grained and sweet,	.05	.15	.40	1.25
YELLOW ABERDEEN,—Flesh pale yellow, tender, fine flavored,	.05	.15	.40	1.25
YELLOW GLOBE,—Good for general crop, grows large, good keeper,	.05	.15	.40	1.25
YELLOW STONE,—Good table variety, good keeper,	.05	.15	.40	1.25

"Our Seeds are Northern Grown, None Better at Any Price."

TURNIP—(Continued)

Ruta Baga *It. Rapa Svedese* or Swedish Varieties



IMPROVED AMERICAN PURPLE TOP,—

The favorite yellow fleshed winter turnip,
5c pkt., 15c oz., 35c $\frac{1}{4}$ lb., \$1.00 lb.

LONG ISLAND PURPLE TOP,—One of the

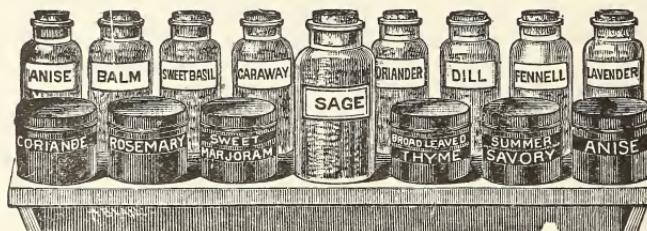
best, flesh yellow, solid, sweet, 5c pkt., 15c
oz., 35c $\frac{1}{4}$ lb., \$1.00 lb.

SHAMROCK SWEDE,—An excellent yellow fleshed variety, 5c pkt., 15c oz., 35c $\frac{1}{4}$ lb., \$1.00 lb.

WHITE SWEDE,—A superior white fleshed variety, 5c pkt., 15c oz., 35c $\frac{1}{4}$ lb., \$1.00 lb.

WHITE SWEET GERMAN,—A fine sweet winter variety, good keeper, 5c pkt., 15c oz., 35c $\frac{1}{4}$ lb., \$1.00 lb.

HERBS



Seeds marked * are perennial.

	Pkt.	Oz.
ANISE,—For garnishing and flavoring.....	.10	.25
*BALM,—Used for making balm tea.....	.10	.40
CARAWAY,—For flavoring.....	.10	.30
CORIANDER,—For flavoring.....	.10	.25
DILL,—For flavoring.....	.10	.20
*HOREHOUND,—Used for its tonic properties.....	.10	.40
*LAVENDER,—Leaves very fragrant.....	.10	.50
*ROSEMARY,—Leaves very fragrant.....	.10	
*RUE,—Used for medicinal purposes.....	.10	
*SAGE,—A medicinal and flavoring herb.....	.10	.50
SWEET BASIL,—Leaves used for flavoring.....	.10	.30
*SWEET FENNEL,—Seeds aromatic.....	.10	.25
*SWEET MARJORAM,—Used for seasoning.....	.10	.30
*SUMMER SAVORY,—Used for seasoning.....	.10	.50
*THYME,—Used for seasoning.....	.15	.75
*WORMWOOD,—Used for medicinal purposes.....	.10	.40

"Our Seeds are Northern Grown, None Better at Any Price."

FLOWER SEEDS

STANDARD VARIETIES—Those marked # are climbers		Pkt. Oz.
ALYSSUM, Sweet, white, very fragrant, annual,		.05
AMARANTHUS—"Joseph's Coat,"—Ornamental foliage plant, easily cultivated, very showy, annual, mixed,		.05
ANTIRRHINUM, — "Snap Dragon," — Half hardy perennial. An old favorite border plant, blooms the first season, but the flowers are stronger the second year, grand for cutting.		.05



Aster

One of the most popular and useful of our annuals.

annuals.	
VICTORIA.—Finest Mixed,—Flower very large and double, considered all in all one of the most satisfactory strains of asters	.10
COMET,—Mixed,—Large beautiful flowers, resembling the Japanese Chrysanthemum,	.15
PERFECTION WHITE,—Large flowers, one of the best of the white asters,	.15
CHINA.—Mixed Colors.	.05

BABY'S BREATH,—(*Gypsophila*), Fine for cutting to mix with other cut flowers, .05
BALSAM (LadySlipper)—Mixed Double—An old favorite summer garden annual. .05



Callionsis

CANDYTUFT,—White— .05 .40

CARNATION MARGUERITE.—Finest Mixed, These beautiful flowers are very fragrant, great favorites, comparatively easy to cultivate,

CARNATION GIANT MARGUERITE,—Finest Mixed,

CASTOR OIL PLANT,—See Ricinus.

CELOSIA OR COCKSCOMB,—Glasgow Prize,—Popular annuals of easiest culture,

CELOSIA,—Mixed,

CENTAUREA, — “L

CLARKIA.—Hardy Annual.—Mixed,
"SODA-FRAGRANS". Mixed with many other climber flowers along and

**#COBaea SCANDENS,—Mixed rapier
bell-shaped.**

bell-shaped, plant seeds edgewise, cover lightly,
COLUMbine (AQUILEGIA) Double



Dianthus Chinensis

RITE,—Finest Mixed, These beautiful flowers at favorites, comparatively easy to cultivate,	.10
MARGUERITE,—Finest Mixed,	.15
—See Ricinus.	
COMB,—Glasgow Prize,—Popular annuals of	
	.10
	.10
elor Buttons,"—Mixed, a very old favorite	
	.05
al,—Mixed,	.10
—Mixed rapid growing climber, flowers large and bellshaped, plant seeds edgewise, cover lightly,	.10
COLUMbine (AQUILEGIA),—Double	
Mixed.—A most desirable border plant,	.05
#CONVOLVULUS MAJOR,—Tall Morning	
Glory. A rapid free flowering climber,	.05
CONVOLVULUS MINOR,—Dwarf Morning,	
Glory,	.05
COSMOS,—Extra early fancy mixed,—One	
of the notable fall flowers,	.10
#CYPRESS VINE,—Mixed,—Summer climbing	
annual with feathery foliage and star-shaped	
flowers, borne in clusters,	.05
DIANTHUS, OR PINKS,—	
The Dianthus is one of the most beautiful and satisfactory	
of the garden annuals; they are unrivaled for brilliancy and	
profusion of bloom.	
DIANTHUS CHINENSIS,—China Pink,—Mixed double, 5¢ pkt.	

"Our Seeds are Northern Grown, None Better at Any Price."

FLOWER SEEDS—(Continued)

DIANTHUS HEDDEWIGII,—Japan Pink,—

Mixed Double, 5c pkt.

#**DOLICHOS**,—Hyacinth Bean,—Mixed annual climbing plant of rapid growth, 5c pkt.

ESCHSCHOLTZIA,—"California Poppy",—Mixed single, very attractive for edgings or masses, large handsome flowers of yellow, orange and white, 5c pkt.

FORGET-ME-NOT,—"Myosotis"—Mixed, bears clusters of lovely small flowers,—hardy perennial, 5c pkt.

FOUR O'CLOCK,—See Marvel of Peru.

GAILLARDIA,—Mixed, exceedingly beautiful annuals, blossoms from early summer until frost, unrivalled for cutting 10c pkt.

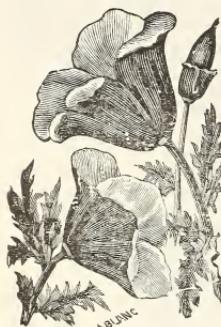
GLOBE AMARANTH,—Mixed, a species of Bachelor Button, very ornamental, a summer blooming plant, 5c pkt.



Dianthus Heddewigii

GYPSOPHILA,—See Baby's Breath.

HELIOTROPE,—Finest mixed,—Deliciously fragrant flowering plant, tender perennial, 10c pkt.



Eschscholtzia

HOLLYHOCK,—Double mixed,—choice, 10c pkt.

HYACINTH BEAN,—See Dolichos.

LARKSPUR,—Double dwarf rocket, mixed,—Free flowering hardy annuals, flowers borne in long spikes, 10c pkt.

LOBELIA,—Erinus, mixed, a trailing plant, producing bright blue, white or rose flowers, 10c pkt.

LOVE-IN-A-MIST,—"Nigella,"—Dwarf, double, foliage feathery, with white or blue flowers, pretty annuals, 5c pkt.

MARIGOLD,—Double African Mixed,—Very effective for groups and masses; a favorite annual, 5c pkt.

MARIGOLD,—Double French Dwarf,—Mixed, 5c pkt.

MARVEL OF PERU,—"Four O'-

Clock,"—Mixed, beautiful summer blooming annual of bushy habit, large flowers of white, yellow, crimson and striped, 5c pkt.

MIGNONETTE,—Large flowering, the common sweet mignonette, very fragrant, 5c pkt. 20c oz.

MIGNONETTE MACHET, The Dwarf French variety, with broad spikes of fragrant red flowers, one of the best varieties for outdoor culture, 10c pkt.



Double African Marigold

MIGNONETTE,—Defiance,—Produces mammoth spikes deliciously fragrant, one of the best for indoor culture, 10c pkt., 85c oz.

MYOSOTIS,—See Forget-me-not.

#**JAPANESE IMPERIAL MORNING GLORY**,—

(Ipomoea,) Mixed, rapid climber, producing mammoth flowers; great variety of coloring, 5c pkt.

MORNING GLORY,—See Convolvulus.



Mignonette Machet

"Our Seeds are Northern Grown, None Better at Any Price."

FLOWER SEEDS—(Continued)

#NASTURTIUM,—Tall, finest mixed, beautiful and luxuriant climber, of easiest culture, flowering until frost comes, 5c pkt., 15c oz., 40c $\frac{1}{4}$ lb., \$1.25 lb.

NASTURTIUM,—Dwarf, finest mixed, very popular and showy for masses and border, 5c pkt., 15c oz., 50c $\frac{1}{4}$ lb., \$1.50 lb.

NICOTIANA,—*Affinis*,—Very fragrant, 5c pkt.

PETUNIA,—Single large flowering, mixed, many beautiful colors and combinations, 5c pkt.

PETUNIA,—Double large flowering, mixed, a magnificent strain, very beautiful shades, 35c pkt.

PANSIES

HOWARD'S EXTRA LARGE-FLOWERED CHOICE MIXED PANSIES,—This is a very choice strain of Pansy seed, and under proper cultivation produces mammoth flowers of the most beautiful colors, 25c pkt.



Howard's Extra Large Flowered Choice
Mixed Pansies. Pkt. 25c.

ENGLISH FINEST MIXED,—10c pkt.

GOOD MIXED,—5c pkt.

PHLOX—Drummondii-grandiflora mixed, for beds and massing nothing can surpass these beautiful annuals, 10c pkt.

PHLOX,—Dwarf or nana compacta, mixed, these form little round compact bushes about six inches high, thickly studded with flowers, 15c pkt.

PINKS,—See Dianthus and Carnation.

POPPIES,—Single Mixed, great variety of colors, very showy, 5c pkt.

POPPIES,—California—See Eschscholtzia.

POPPIES,—Mixed carnation flowered, 5c pkt.

POPPIES,—Iceland Mixed,—10c pkt.

POPPIES,—Shirley Finest Mixed,—Extra Fine strain, 10c pkt.

PORTULACA,—Single mixed, brilliant dwarf annuals, 6 in. high, for low beds and masses of color they are indispensable, 5c pkt.

PORTULACA,—Double, these make perfectly gorgeous masses of color, 10c pkt.

RICINUS,—Castor Oil Plant, mixed, rapid growing foliage, annual, palm leaves, 5c pkt., 20c oz.

SALPIGLOSSIS,—Large flowering mixed, a beautiful flowering annual, bearing large flowers of many pretty colors, 10c pkt.

SALVIA SPLENDENS, Bonfire,—Perennial but blooms the first season, bright scarlet, fine for bedding, 10c pkt.

SCABIOSA,—Mourning Bride, Showy border plant. Dwarf, double mixed, 10c pkt.

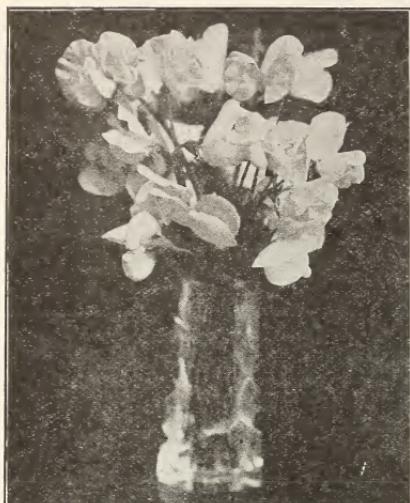
STOCKS,—Large Flowering Ten Weeks, mixed, highly fragrant, very pretty and a deservedly popular annual, 5c pkt.

SUNFLOWER,—Double Dwarf, 5c pkt.

SUNFLOWER,—Mammoth Russian, 5c pkt.,



Phlox-Drummondii



FLOWER SEEDS— SWEET PEAS

Our list of Sweet Peas has been carefully revised with a view of keeping it strictly up to date. Should you miss some old favorite in the list, it has been discarded in favor of an improved sort. White seeded varieties should not be sown until the ground is comparatively dry and warm. If sown under wet and cold conditions the seed may rot in the ground. With few exceptions Sweet Peas are black seeded and do not appear to be affected like the white seeded sorts.

	Pkt.	Oz.	$\frac{1}{4}$ Lb.	$\frac{1}{2}$ Lb.	Lb.
BLACK KNIGHT,					
—Very deep maroon shaded black,	.05	.20	.50	.85	1.50
BLANCHE FERRY, — Pink and white wings,	.05	.20	.50	.85	1.50

DOROTHY ECKFORD,—Pure, white, beautiful large flowers,	.05	.20	.50	.85	1.50
HON. MRS. E. KENYON,—The finest primrose yellow,	.05	.20	.50	.85	1.50
KING EDWARD VII,—Bright crimson splendid,	.05	.20	.50	.85	1.50
LADY GRISEL HAMILTON,—A grand pale lavender,	.05	.20	.50	.85	1.50
LORD NELSON,—The richest deep navy blue,	.05	.20	.50	.85	1.50
MISS WILMOTT,—Brilliant orange pink, very large,	.05	.20	.50	.85	1.50
MRS. WALTER WRIGHT,—An exquisite shade of mauve,	.05	.20	.50	.85	1.50
PRIMA DONNA,—Pure pink,	.05	.20	.50	.85	1.50
HOWARD'S SPECIAL GRANDIFLORA MIXTURE,	.05	.15	.40	.70	1.25
HOWARD'S SPECIAL SPENCER MIXTURE of Named Spencer Varieties,	.10	.25	.75	1.35	2.50

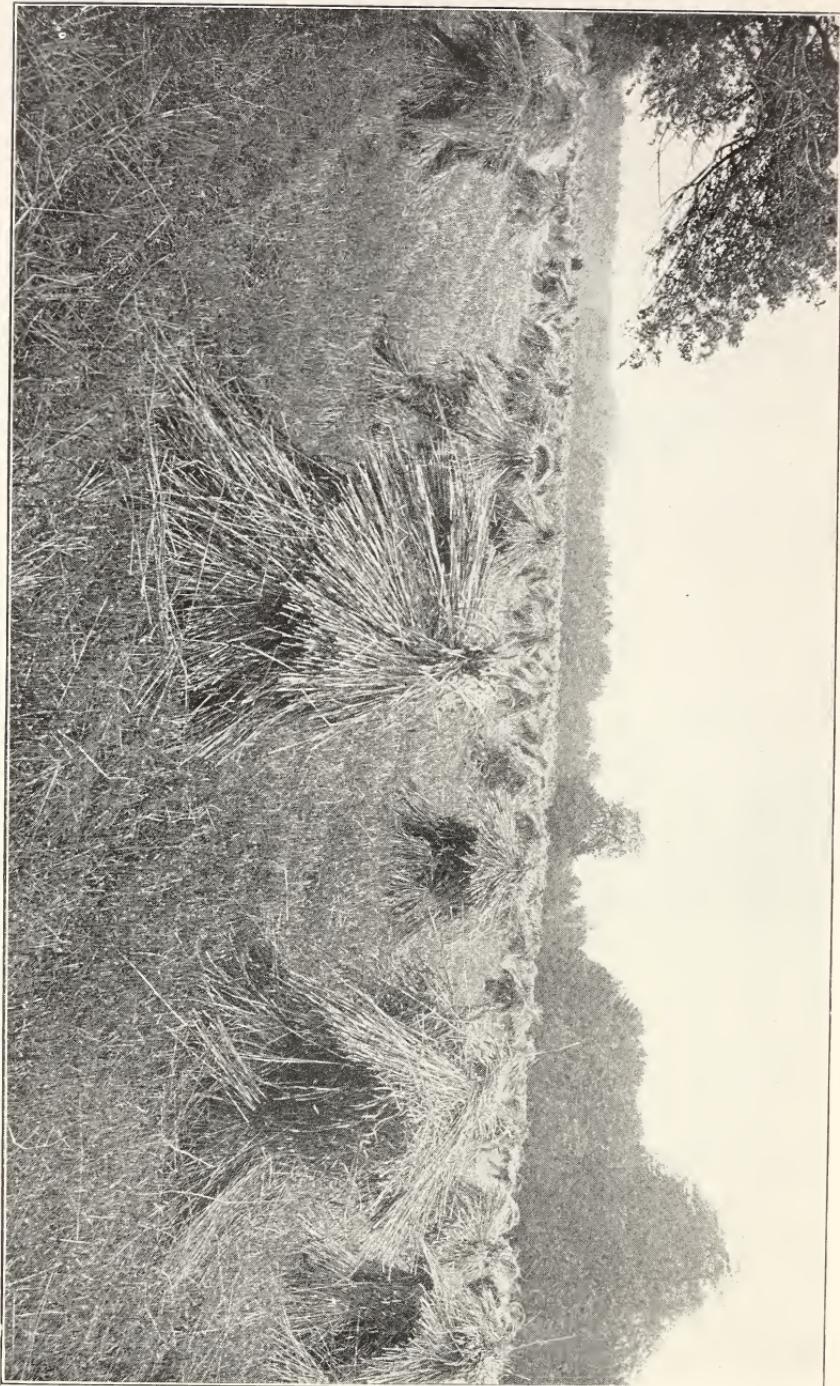
SPENCER VARIETIES—Sweet Peas

These are noted for their unusually large-sized flowers and for the waved or fluted appearance of the petals. They are frequently referred to as "Orchid-flowering" Sweet Peas.

	Pkt.	Oz.	$\frac{1}{4}$ Lb.
BARBARA,—Beautiful, rich, glowing salmon,	.10	.40	1.25
COUNTESS SPENCER,—A lovely soft rose-pink, shading deeper at the edges,	.10	.40	1.25
FIERY CROSS,—Large, fiery scarlet,	.10	.40	1.25
FLORENCE MORSE SPENCER,—Delicate blush, with pink margin very large,	.10	.40	1.25
FLORENCE NIGHTINGALE,—Largest and finest pure lavender,	.10	.40	1.25
KING EDWARD SPENCER,—Bright Crimson Scarlet,	.10	.40	1.25
PRIMROSE SPENCER,—The finest primrose-yellow,	.10	.40	1.25
ROYAL PURPLE,—Beautiful, rich, deep purple,	.10	.40	1.25
WHITE SPENCER,—A pure wavy white, very large,	.10	.40	1.25
SWEET WILLIAM,—Single mixed, an old favorite, rich variety of color, deliciously sweet scented, 5c pkt.	.10	.40	1.25
VERBENA,—Finest mixed, for garden beds or massing, the verbena is unrivaled; flowers from spring until late in autumn, 10c pkt.			
WALLFLOWER,—Double large flowering mixed, exquisitely fragrant, long spikes of double flower, hardy perennial, 15c pkt.			
ZINNIA,—Double mixed, Dwarf, very showy, free flowering, hardy annual, 5c pkt.			



A GARDEN SCENE IN THE BERKSHIRES
For Flower Seeds see Pages 21-24



ONE OF THE SPLENDID YIELDS OF WHEAT IN THE BERKSHIRES, WHERE OUR HIGH GRADE SEED WAS USED

See Our List of Grasses, Clovers and Grains—Pages 25 and 26

BIRD SEEDS

CHOICE MIXED,	per lb.,	15c	RAPE,—per lb.	14c, 2 lbs. 25c
CANARY,—Choice Sicily,	"	15c	SUNFLOWER,—Mammoth Russian,	14c per lb.
HEMP,—	14c, 2 lbs. 25c			
MILLETT,—per lb.	10c, 3 lbs. 25c			

VEGETABLE ROOTS

ARTICHOKE JERUSALEM,		35c lb.
ASPARAGUS ROOTS,—	See page 2.	
CHIVES, POL. <i>szczypior</i>, IT. <i>Costole di Fiori</i>		15c per bunch
HORSE RADISH ROOTS, POL. <i>Chrzan</i>, IT. <i>Ramolaccio</i>, Malina Kren,—		
Cut in pieces.....		35c per doz., \$2.00 per 100

**List of GRASSES and CLOVER Adapted to this Climate
PRICES SUBJECT TO MARKET CHANGES**

	Weight Per Bushel.	Weight Per Bushel.
CANADA BLUE GRASS,— Valuable for dairy pastures, 38 lbs. to acre,	14 lbs.	which it imparts to the hay, 3 lbs. to acre with other grasses,
CREEPING BENT GRASS,— Excellent for lawns, succeeds well in most situations, 60 lbs. to acre, 20 lbs.		10 lbs.
ENGLISH RYE GRASS,— A valuable grass, 60 lbs to acre,	24 lbs.	TALL MEADOW FESCUE,— Very early, nutritive and productive. Good for pastures on wet or clay soils, 40 lbs. to acre,
HARD FESCUE,— A dwarf growing grass, succeeding well in dry situations, 30 lbs. to acre,	12 lbs.	14 lbs.
HUNGARIAN GRASS,— Is a valuable annual forage plant, 1 bushel to the acre,	48 lbs.	TALL MEADOW OAT GRASS,— Recommended for soiling, being rapid and luxuriant in its growth
ITALIAN RYE GRASS,— Thrives in almost any soil and yields early and practically annual; abundant crops, 50 lbs. to acre, 18 lbs.		50 lbs. to acre,
KENTUCKY BLUE GRASS,— Fancy, valuable for lawns and pastures, 50 lbs. to acre,	14 lbs.	10 lbs.
MEADOW FESCUE,— Of great value in mixtures for permanent pastures, 50 lbs. to acre,	22 lbs.	TIMOTHY OR HERD GRASS,— The most important of hay grasses. The seed we offer is of the very highest quality, 25 lbs. to acre,
MEADOW FOXTAIL,— Is the principal grass in all rich, natural pastures, 30 lbs. to acre,	7 lbs.	45 lbs.
ORCHARD GRASS,— One of the most valuable grasses either for pasture or hay, 70 lbs. to acre,	14 lbs.	VARIOUS LEAVED FESCUE,— Valuable for permanent pasture, especially on high altitudes, 40 lbs. to acre,
RED TOP GRASS,— In chaff, 4 bushels to acre,	14 lbs.	14 lbs.
RED TOP GRASS, FANCY,— Or extra re-cleaned seed, 32 lbs. to acre, 32 lbs.		WOOD MEADOW GRASS,— Of early growth, thriving well under trees,
RHODE ISLAND BENT GRASS,— A very fine variety for lawns, 60 lbs. to acre,	14 lbs.	14 lbs.
ROUGH STALKED MEADOW GRASS,— Valuable for pastures and meadows, particularly on damp soil, 30 lbs. to acre,	14 lbs.	Our Clovers are American Northern Grown
SHEEP'S FESCUE,— Short and dense in growth, excellent for sheep pastures, 40 lbs. to acre,	12 lbs.	ALFALFA OR LUCERNE,— In light soils, particularly in southern altitudes, it is invaluable, 25 lbs. to acre,
SWEET VERNAL TRUE PERENNIAL,— Emits an agreeable odor,		60 lbs.
OUR SPECIAL GRASS MIXTURE FOR PASTURES,— Usual quantity sown to the acre, 50 lbs. Price, \$14.00.		ALSIKE OR HYBRID CLOVER,— Equal in nutritive value to the Red or Pea Vine Clover, excellent for clover-sick land, 15 lbs. to acre,
OUR SPECIAL GRASS MIXTURE FOR HAY— On ordinary soils use 50 lbs. per acre. In ordering state whether soil is dry, medium or wet. Price \$14.00.		60 lbs.
We recommend sowing separately from these mixtures 10 lbs. mixed clover per acre.		MAMMOTH RED OR PEA VINE CLOVER,— 15 to 20 lbs. to acre, 60 lbs.
		RED CLOVER MEDIUM,— 15 to 20 lbs. to acre,
		60 lbs.
		SCARLET OR CRIMSON CLOVER,— Sow in July or August for mowing the ensuing Spring, 20 lbs. to acre,
		60 lbs.
		SWEET CLOVER,— Grown for Bee food as a Fertilizer, 20 lbs. to acre, 60 lbs.
		WHITE CLOVER,— Should be used in all mixtures for permanent pasture and for lawns alone, 10 lbs. to acre,
		60 lbs.

OUR SPECIAL GRASS MIXTURE FOR PASTURES,— Usual quantity sown to the acre, 50 lbs. Price, \$14.00.

OUR SPECIAL GRASS MIXTURE FOR HAY— On ordinary soils use 50 lbs. per acre. In ordering state whether soil is dry, medium or wet. Price \$14.00.

We recommend sowing separately from these mixtures 10 lbs. mixed clover per acre.

"Our Seeds are Northern Grown, None Better at Any Price."

GRAINS—Price According to Market and Subject to Change

BARLEY,—Six rowed, Choice Northern Grown, per bushel 48 lbs. \$2.10; (1½ to 2½ bushels to acre.)

BARLEY,—York State,—Fancy, Market price. 1½ to 2½ bushels to acre.

BUCKWHEAT,—Silver Hull—48 lbs. per bushel. Japanese, 48 lbs. per bushel. 1 bushel to acre. Prices on application.

OATS,—White Swedish,—Selected,—Canadian Grown,—These oats give excellent satisfaction, straw is strong, not apt to lodge, yield very heavy, per bushel 32 lbs. 2 to 2½ bushels to acre. \$1.95 per bushel.

OATS,—Pearl choice,—32 lbs. per bushel 2 to 3 bushels to acre. \$1.25.

OATS,—Choice White—32 lbs. per bushel. 2 to 3 bushels to acre.

RAPE,—Dwarf Essex,—In drills 5 lbs. to acre, broadcast 10 lbs. to acre, per lb. 20c., per 100 lbs., \$15.00. Subject to market changes.

RYE,—Spring,—For sowing in the spring, 56 lbs. per bushel. 1½ bushels to acre. \$2.90

RYE,—Winter,—For fall sowing, 56 lbs. per bushel. 1½ bushels to acre.

SOY or SOJA BEANS—Good for ensilage or green fodder, not good for hay. ½ to ¾ bushels to acre in drills.

VETCHES,—Spring Tares,—60 to 120 lbs. to acre, prices variable.

VETCHES,—Sand Winter, a Hairy Vetch,—30 to 50 lbs. to acre, prices variable.

WHEAT,—Spring,—60 lbs. per bushel. \$3.15. Winter,—60 lbs. to bushel. 1½ bushel to acre.

HUNGARIAN GRASS,—One of the most valuable soiling plants, excellent for green fodder or hay, yields enormously; sow from June to August, 48 lbs. per bushel. 1 to 1½ bushels per acre. Market price.

MILLET,—German or Golden,—Similar to above, flower stem more branching, 50 lbs. per bushel. Market price. 1 to 1½ bushels to acre.

MILLET,—Japan,—Barnyard (*Crus-galli*). Exceedingly heavy yielder, requires very rich soil. 20 lbs. to 30 lbs. to the acre. Per lb. 12c, per 100 lbs. \$10.00, subject to change.

FLAX,—Extra re-cleaned, per lb. 15c,
Special prices on larger quantities.

LAWN GRASS SEED

OUR LAWN GRASS SEED is a specially reliable mixture of fine growing grasses, entirely free from weed seeds and can be depended on to produce a perfect, velvety green turf if properly sown and cared for. Some of the finest lawns in Western Massachusetts are the results of using Our Seed and Fertilizer. Quantity required per acre 5 bushels. One Quart will sow 250 square feet. Price per quart, 25c., ½ peck, 90c., peck, \$1.75, bushel, \$7.00.

SHADY LAWN SEED—A special mixture for growing in shady places. qt. 30c, ½ peck \$1.10, peck \$2.00, bushel \$8.00.

PUTTING GREEN MIXTURE—Especially for Putting Greens. qt. 50c, peck \$3.50, bushel of 25 lbs. \$12.00.

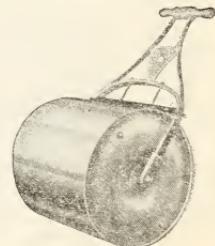
REPAIRING LAWN MOWERS

We repair and sharpen Lawn Mowers of all kinds, putting them in first-class working order. Should any be sent to us that are too nearly worn out to repair, we will so advise.

LAWN AND GARDEN ROLLER

WATER BALLAST—Diam. 18" x 24"—Weight, empty 85 lbs., when filled with water 300 lbs., if filled with sand 450 lbs. Price \$22.25.

24 x 24—Weight empty 110 lbs., Water filled 500 lbs. Price \$25.75



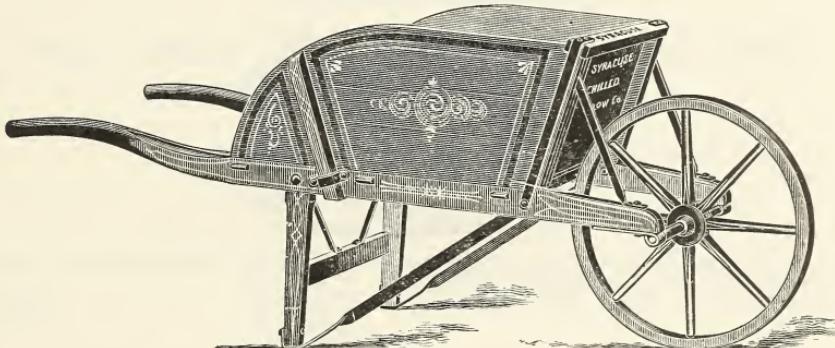
"Our Seeds are Northern Grown, None Better at Any Price."

BASKETS



Vegetable handles over, No. 1, 18x11x6	\$.90	One bushel Metallic, Heavy,	\$1.75 and \$2.75
" " " 2, 20x12x6 $\frac{1}{2}$	1.00	1 $\frac{1}{2}$ " " "	2.00 and 3.50
" " " 3, 22x14x7	1.25	Two " " "	2.50 and 4.50
" " " 4, 24x14x9	1.65	Diamond Market.....	.15c to .20
Picking Drop Bail.....	\$1.00, 1.25	Covered Diamond Market.....	.25c to .75
Berry—One quart standard—market price.		One bushel, Common Stave.....	.30 and .85
Grocers—(cut under handles)	.50 and .80	" Hand made Oak or Ash, 1.00, 1.75 and 2.25	
" " " "	1.00	1 $\frac{1}{4}$ bushel Ash,	2.25
		Two " "	2.50

GARDEN BARROW



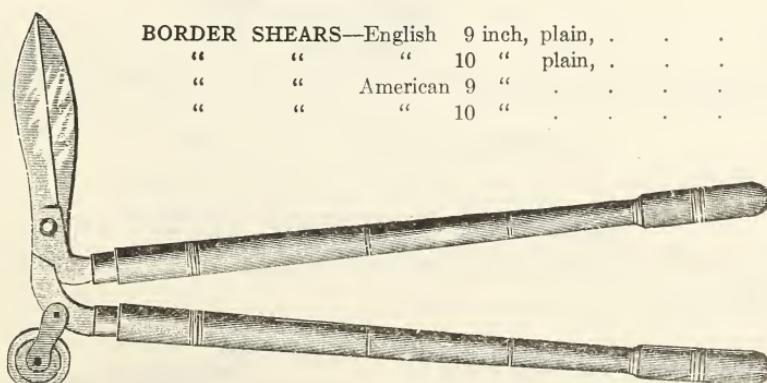
A strong, well-made Garden Barrow, nicely painted.

PRICE

Boys'		85 cents to \$10.50
Common Size, #64	:	7.50
Large Size, #65	:	8.50

Very strong and heavily ironed

BORDER SHEARS—English 9 inch, plain,	.	.	.	\$6.00
" " " 10 " plain,	.	.	.	6.50
" " American 9 "	.	.	.	5.00
" " " 10 "	.	.	.	5.50



HEDGE SHEARS.

"English" 9 inch,	\$3.00
" 10 inch,	3.50

BRANCH OR LOPPING.

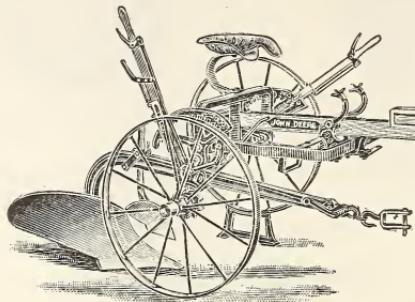
"English,"	\$4.00 and 4.50
American,	\$2.25, 3.50, 4.00 and 5.50

"Our Seeds are Northern Grown, None Better at Any Price."

The John Deere Two-Way Sulky Plow

One of the standard reliable sulky plows, }
No. 1441C No. 1341C } Weight 652.

Price \$115.00



SYRACUSE STEEL BEAM SWIVEL PLOW "822"

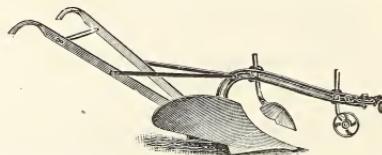


This Plow will certainly please you, it is light yet very strong, has ample throat capacity and close-fitting joints to prevent clogging.

Price complete with Wheel and Jointer, and chilled mouldboard,

\$36.00
38.50

SYRACUSE STEEL BEAM LANDSIDE PLOW "NO. 31"



A splendid Plow. If you have difficult land to turn, this will do it, when other Plows fail.

Price complete with Steel mouldboard, \$34.50

CAMBRIDGE NO. 29 PLOW

Light Two Horse Swivel Plow. Complete with Jointer and Wheel.

36.00

HILLSDALE LANDSIDE PLOW

A very good Low-Priced, Two-horse Plow, Cast Beam.

Price Plain, 12.50

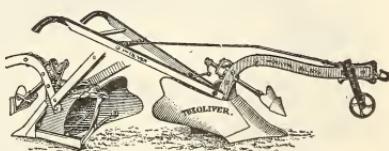
Price with Wheel, 14.00

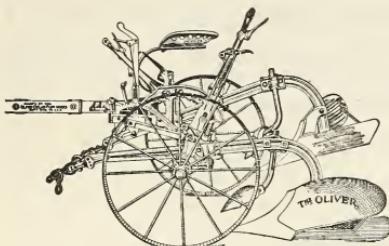
OLIVER SWIVEL PLOW

A Practical Plow

No. 512, complete, \$32.95

No. 513, " 33.95





THE OLIVER REVERSIBLE SULKY PLOW

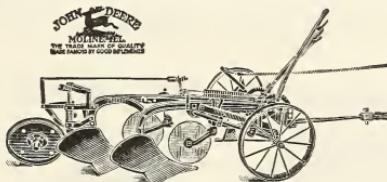
A very reliable "two-way" sulky plow, strong, easily operated, does excellent work.

No. 23A—83D is the popular size.

Price \$115.00

John Deere Engine Gang Plow

JOHN DEERE
MOLINE ILL.
THE TRADE MARK
MADE FAMOUS BY GOOD WORK.

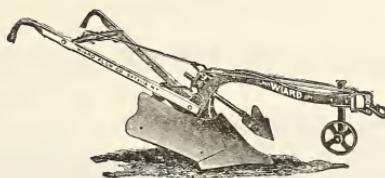


With High and Level Power Lift and quick detachable shares.

No. M. P. 214C—2 Bottom 28 in. cut, weight 790 lbs.,

Price \$140.00

WIARD SWIVEL PLOW



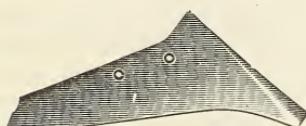
A good Plow, with an excellent reputation and capable of doing first-class work.

No. 120, with Steel Beam and Steel Mouldboard, with Wheel and Jointer,	.	\$36.25
No. 120, with Steel Beam and Cast Mouldboard,	" "	34.25
No. 126, with Steel Beam and Steel Mouldboard,	" "	37.25
No. 126, with Steel Beam and Cast Mouldboard,	" "	35.25

WIARD ONE HORSE SWIVEL PLOW

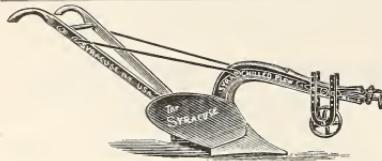
No. 21, with wood beam, wheel and clevis. An excellent plow for one horse,

\$16.75



PLOW REPAIRS

WE CARRY A LARGE STOCK OF PLOW REPAIRS
AND CAN FURNISH PARTS FOR ALMOST ANY
PLOW EVER MADE.

**CONTRACTOR'S PLOW, NO. 1**

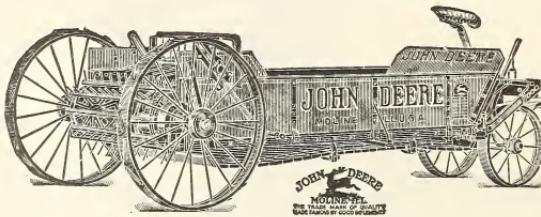
Heavy beam, point and strip. Made especially for grading purposes. Weight 205 lbs. Two or four horses. Price, with wheel, \$33.00

PAVEMENT PLOW, NO. 98

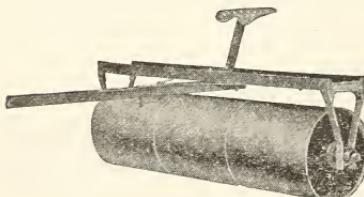
A favorite with contractors. Has reversible crucible steel point. Loop handle wear irons built for hard work, such as tearing up cobblestones and macadam. Four or six horses. Weight 280 lbs., \$44.00

**TRUSS BEAM GRADING PLOW, No. 99**

For severe grading purposes in shale or hard pan. Four or eight horses. Weight 310 lbs. \$71.50.

THE JOHN DEERE LOW DOWN MANURE SPREADER

The value of having a spreader Low Down for loading is readily understood. The John Deere is not complicated, is giving splendid satisfaction. Weight of size B—2 Horse, 1776 $\frac{1}{2}$ lbs. Price \$215.00.

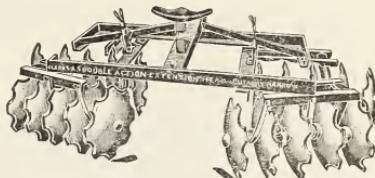
**STEEL FIELD ROLLER**

The drum of this roller is steel; it is 24 inches in diameter, has removable dust-proof boxes, closed ends and is an excellent one.

PRICE—3 SECTION—8 FT. 24 IN. DIAM.—
\$60.00

CLARK'S CUTAWAY HARROW

Clark's Cutaway Harrows are well known and hardly need description here, they are made in Double Action, that is double sets of gangs, (see cut). Regular Double Lever Cutaway, and Double Lever Solid Disc, and in many sizes, the sizes most suitable for this section are:—

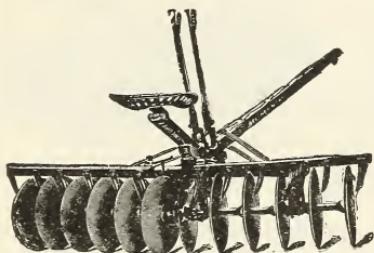
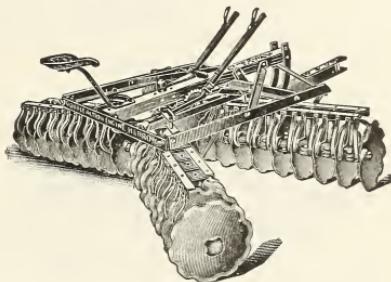


Double Action, 20-16 in. Discs,	\$87.45
Double Lever Cutaway, 10-16 in. Discs,	48.00
" " "	12-16 " " 52.00

THE CUTAWAY LIGHT TRACTOR HARROW

The Cutaway Light Tractor Harrow has 29 18 inch discs, cuts $7\frac{1}{2}$ ft. wide, has center disc, weight 965 lbs.

Has very rigid main frame of heavy angle iron stoutly braced. This harrow thoroughly pulverizes the soil leaving it in good level condition. Price \$157.50.



DISC HARROWS

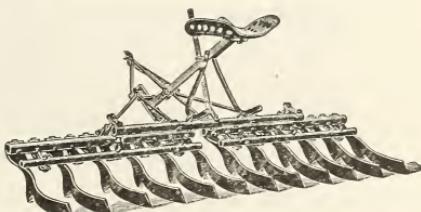
An excellent harrow, made to supply the demand for a little lighter harrow, yet capable of doing a vast amount of good work.

Price complete with Scraper Attachment, Whiffletrees and Evener with 12-16 in. Discs, \$57.00
" " " " " " " " " " 12-18 in. Discs, 62.00

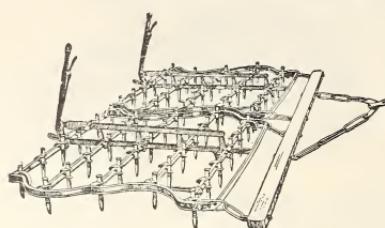
ACME PULVERIZING HARROW

The "Acme" cuts, crushes, levels, turns and smooths at one operation, making a perfect seed bed. The No. 23 is the standard two-horse size, cuts 6 feet, 6 inches wide, weighs 130 lbs. Price \$26.75

1-Horse. (4 ft. 4 in.) \$20.00



STEEL FRAME SMOOTHING HARROW



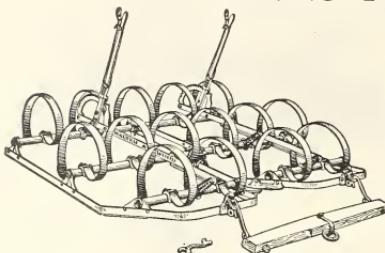
CAN BE INSTANTLY CHANGED
FROM A SMOOTHING TO A
REGULAR SPIKE TOOTH
HARROW. TEETH ARE ADJUST-
ABLE TO ANY ANGLE BY THE
LEVERS

These are the **VERY BEST STEEL SMOOTHING HARROWS** manufactured, strong and well made.

Price—1 Sections, 25 teeth, \$14.00
“ 2 “ 60 “ 28.00

Price—3 Sections, 90 teeth, \$42.00

SPRING TOOTH HARROWS

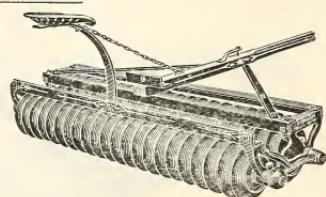


Either McCormick, Wood, or Syracuse,
very strong, well made, serviceable harrows
and very satisfactory, do excellent work.

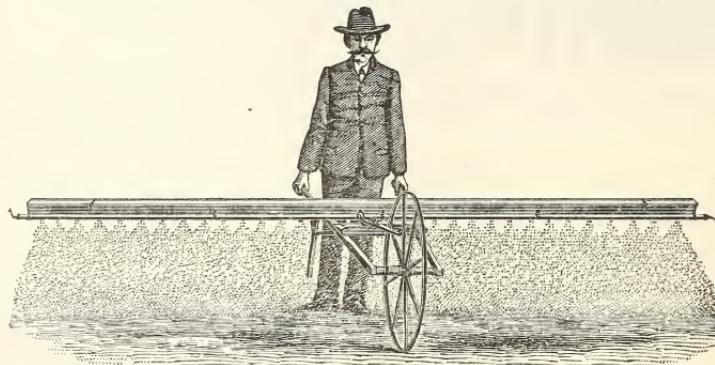
Price, 10 Tooth One Horse	20.00
“ 15 “ Two “	32.00
“ 17 “ “ “	34.00

THE CULTIPACKER

Acts as a roller and pulverizer, Double Gang, front gang 15 in. diameter, rear gang 12 in., is 8 ft. wide, Roller Bearings, and has 43 Sections. Price \$105.00.

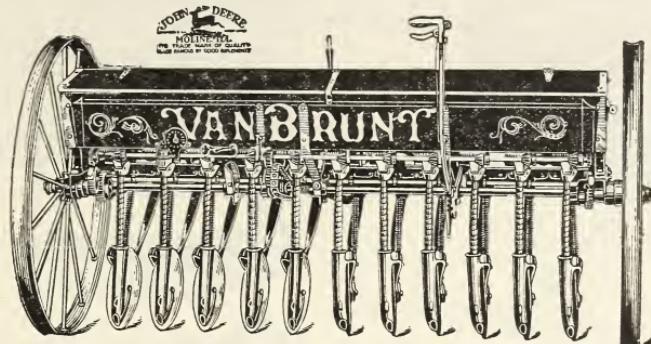


THOMPSON'S ROYAL GRASS SEEDER



Sows any kind of Grass Seed perfectly and rapidly; width of Seeder Box 14 ft. Price \$12.75.
Grain Box extra, \$7.50

VAN BRUNT GRAIN AND FERTILIZER DRILL



This Drill sows Grain, Grass Seed and Fertilizer perfectly. It has a positive force feed, will not break the grain, is light draft, is not complicated, evenly balanced, rests lightly on the horses' necks and is fully warranted. The Disc model is now the favorite, having almost entirely displaced the hoe type. Price 10 tube Disc Drill, Complete \$205.00.

VAN BRUNT LIME AND FERTILIZER SOWER

No gears or chains to get out of order, will distribute from 150 to 8000 lbs. per acre. By shifting one lever the working parts may be easily removed for cleaning. One of the best machines.

Width 8 ft.,	-	-	-	\$87.50
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Eureka Mulcher and Seeder Three Sizes, 8, 10 and 12 feet wide.



EUREKA RIDING MULCHER AND SURFACE CULTIVATOR AND GRASS SEEDER.

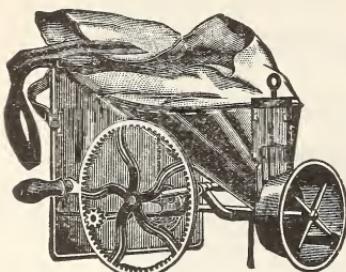
This is an excellent Weeder as well as surface Mulcher and Cultivator. The Grass Seeder may be attached or detached quickly and is accurate.

Price of 8 foot Mulcher and Grass Seeder, \$48.00

Price of 8 foot Grain Seeding Box, extra, \$9.00

THERMOMETERS

Tested, 12 inch, metal case	\$1.25, \$2.00 and \$2.25
10 inch tested	90c, \$1.25 and \$2.00
8 inch tested	85c, \$1.00, \$1.25 and \$1.75
Hot Bed, guaranteed	\$2.50
Maple Syrup	\$1.50 and \$2.00
Self Registering	\$6.00



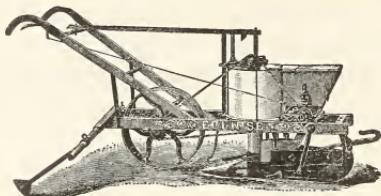
Cahoon Seeder

Cahoon Broadcast Seed Sower
Sows both Grass Seed and Grain. Price \$5.50

Cyclone Broadcast Seeder
A very rapid and easily operated seed sower. Price \$2.50

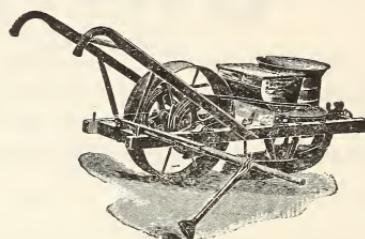


**Eclipse Corn Planter
and Fertilizer Distributer**



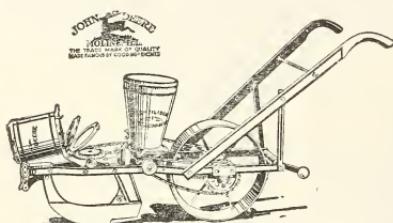
Plants Corn, Beans, Peas, etc., perfectly,
and at the same time distributes evenly the
fertilizer in such a manner that it does not
come in direct contact with the seed.

Price, Single Row Planter, \$47.50



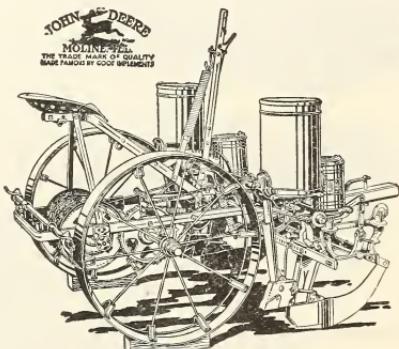
**King of Cornfield Corn Planter
and Fertilizer Sower, \$47.50**

AN EXCELLENT PLANTER
VERY SIMPLE IN CONSTRUCTION



**THE DEERE ONE ROW
CORN PLANTER
WITH FERTILIZER DISTRIBUTOR**

A reliable machine \$33.00



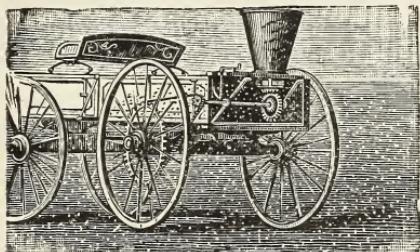
**The DEERE TWO ROW CORN PLANTER
With Fertilizer Distributor**

A very efficient machine durable and reliable
\$112.00

Corn Huskers,

Corn Ties—With four feet of rope, per 100, \$2.25

15c, 20c and 35c

**STROWBRIDGE IMPROVED****Broadcast Seed and Plaster Sower**

From 50 to 75 acres can be sown with one team in a day.

Oats, Rye, Barley, Buckwheat, Hungarian, Grass, Clover, Timothy, and every variety of Seed and Grain requiring broadcasting can be sown with this machine; also with care, Plaster, Lime, Salt and Fertilizers. It can be attached to any farm wagon.

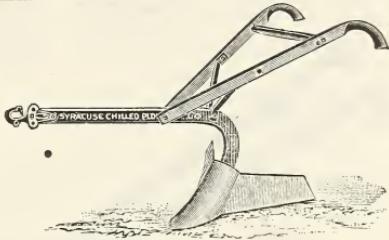
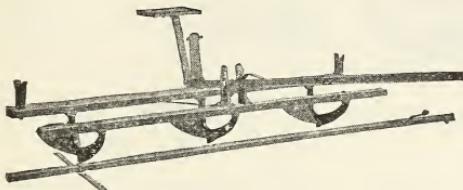
Price with Agitator, \$20.00

" " force feed and grass seed

attachment, \$28.00

**STEEL BEAM SHOVEL
PLOW**Steel Point and Adjustable Steel Wings,
and the price is only,

\$7.50

**IMPROVED FURROWER AND MARKER**Marks and Furrows at the same time, adjustable to mark any width or depth. The wearing part of the runners is chilled iron, the wings are steel and the frame is oak, it is a labor-saver.
Price No. 1 makes 3 furrows at once, \$20.00.
Price No. 2, makes 2 furrows at once, \$16.00.**HAND CORN PLANTER**

Rapid and reliable. Price \$2.50

Our New Potato Ridger, Coverer and Hoe

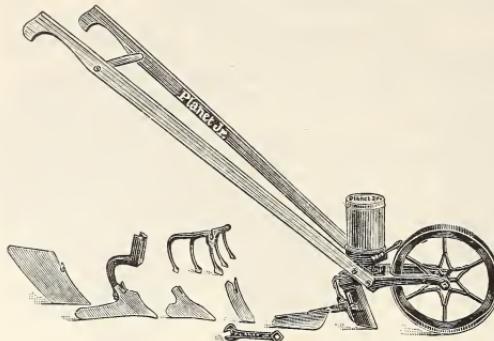
Next to the complete potato planter this is the best tool for ridging and covering potatoes. It is adjustable in many ways, stands high and is especially valuable for hoeing potatoes.

PRICE WITH POLE and wings as shown, \$15.00

PRICE WITH POLE and 20 inch discs in place of wings, 17.00

USE THE QUINNIPIAC AND MAPES FERTILIZERS TO RAISE NICE POTATOES.

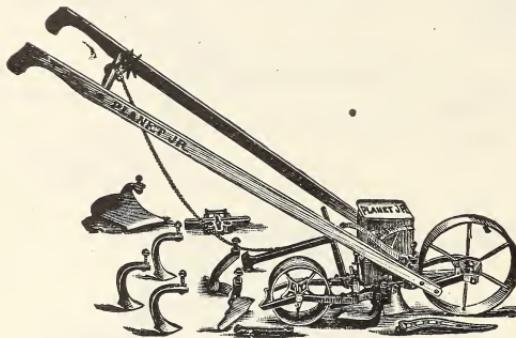




"Planet Jr." Combined Drill Seeder and Wheel Hoe, No. 31

This is a combined tool of great value to the gardener who does not feel warranted in purchasing the more expensive market garden machine. It sows from 1-4 in. to 2 inches deep, all kinds of garden seeds, very accurately.

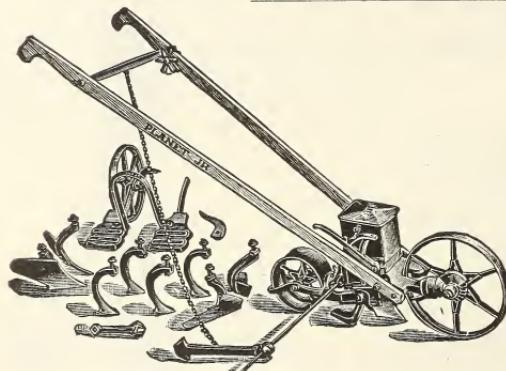
Complete it is called No. 31, price \$12.50.



**"PLANET JR." NO. 4
Combined Hill and Drill Seeder, Single Wheel Hoe, Cultivator and Plow**

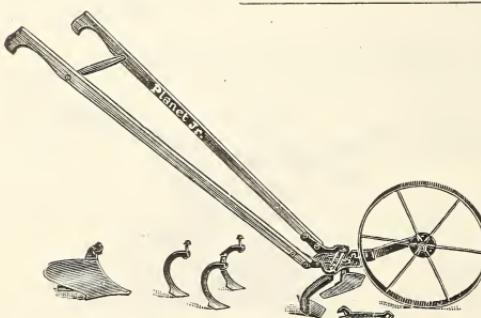
Hopper holds two and one-half quarts seed.

Price complete, - - - \$21.50
As a seeder only, - - - \$17.00



**"PLANET JR."
NO. 25**

Combined Hill and Drill Seeder, Double Wheel Hoe, Cultivator and Plow. Hopper holds two and one-half quarts. Substantial and accurate, two good machines in one. As a drill it is almost identical with the No. 4 Drill. As a wheel hoe it is identical with the No. 12 Double Wheel Hoe. Price \$26.00.



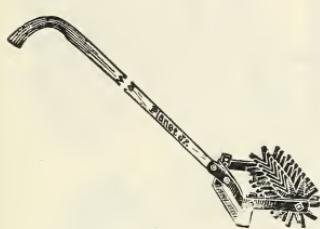
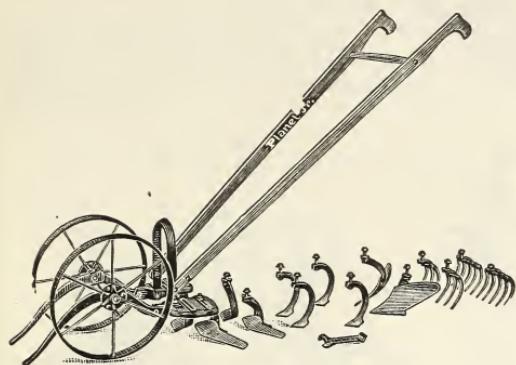
**"PLANET JR."
NO. 17**

Single Wheel Hoe

Consists of one pair 6 in. hoes, three cultivator teeth, one garden plow. Price \$9.00.

No. 16 same as No. 17, but has 2 Rakes and Leaf Guard. Price \$10.75.

No. 11 "Planet Jr." Double and Single Wheel Hoe Combined
as shown. The best combined double and single wheel hoe made.

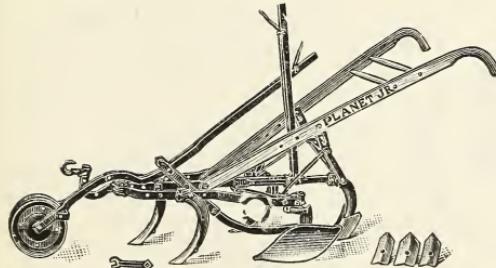


leaf guards; this we call the Plain Double Wheel Hoe
No. 13. Price \$9.25.

"**PLANET Jr.**" STAR PULVERIZER—for the small garden, flower bed, around trees and shrubbery, it pulverizes and turns the weeds upside down, \$4.50

"**PLANET Jr.**" JUVENILE WHEEL HOE—An inexpensive practical tool. \$5.00.

No. 8 "Planet Jr." All Steel Horse Hoe and Cultivator

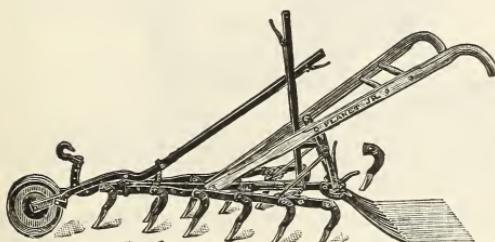


Probably no other cultivating machine is so widely known as the "Planet Jr." Combined Horse Hoe and Cultivator, it is built extra long, high and strong, has lever for adjusting width, lever for adjusting wheel, which at the same time adjusts the New Depth Regulator. This prevents cultivator settling at the back end.

Price complete as shown with new steel wheel, \$21.50.

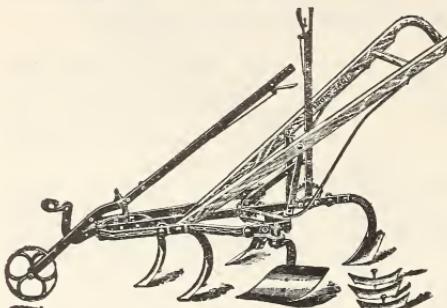
"Planet Jr." Harrow and Cultivator

Price complete, No. 90, \$21.50. Price less pulverizer, No. 90B, \$17.75. Price plain with No. 9 wheel and expanding lever, No. 91, \$16.50.



A glance at this cut will convince you that this is a thoroughly practical tool; it is what is called a Harrow, Cultivator and Pulverizer. The handles are adjustable sideways so that you need not walk on the finished work. It is adjustable from 12 to 32 inches in width, and is a special favorite with market gardeners.

ALL STEEL HORSE HOE AND CULTIVATOR



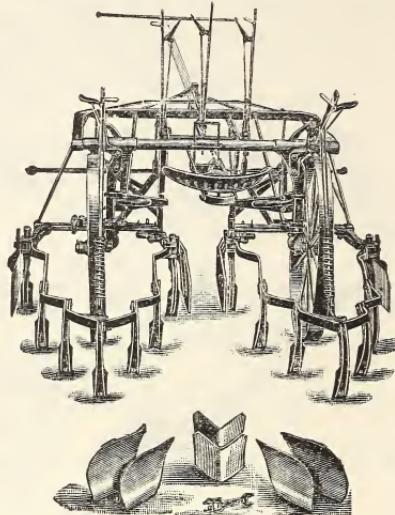
**"Planet Jr." No. 72, G. Two Row
Pivot Wheel Cultivator, Plow,
Furrower and Ridger, with
Spring Trip Standards**

This tool is so designed that the operator can make changes in width of gauge instantly while machine is in motion, thereby adjusting it perfectly to rows varying greatly in width. Think of the saving in cultivating perfectly two rows of potatoes, beans, corn, or any crop planted in rows (any widths from 28 inches to 44 inches apart) at a single passage. It is a remarkably good tool.

Price Complete with (14) Spring Trip Standards, \$140.00

This is a good implement, not our best but a very good one for little money.

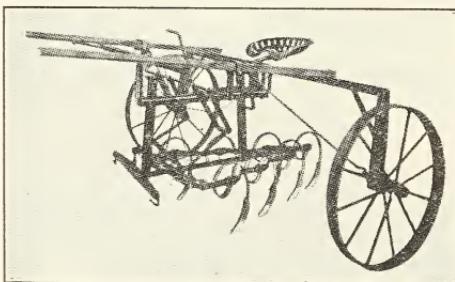
(All steel but the handles.)
Price complete with hilling wings,
but without wheel lever \$10.50
Norcross Hand Garden Cultivator
\$1.00 and \$1.25



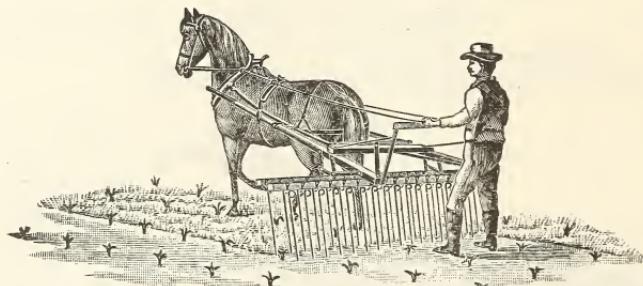
ONE ROW SULKY CULTIVATOR

Has 7-Spring Teeth, can be instantly
adjusted by operator-

Price, \$44.00



ADJUST- ABLE WEEDER

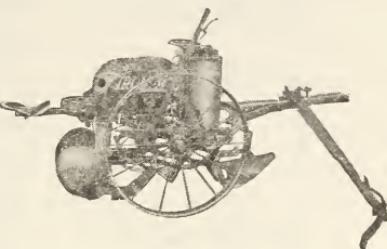


New Style (the illustration is not a good representation) a marked improvement over the previous one.

PRICE*, \$18.00

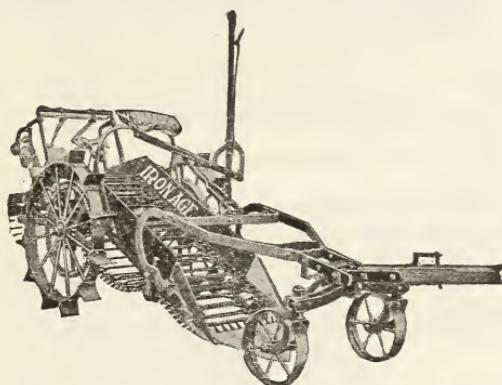
THE IRON AGE POTATO PLANTER

With the IRON AGE, the farmer has the comfortable assurance that his potatoes are being well planted, and the work is being done at the lowest possible cost, easily planting from four to seven acres per day.



PRICE—With Fertilizer distributer and shield plow,

\$145.00



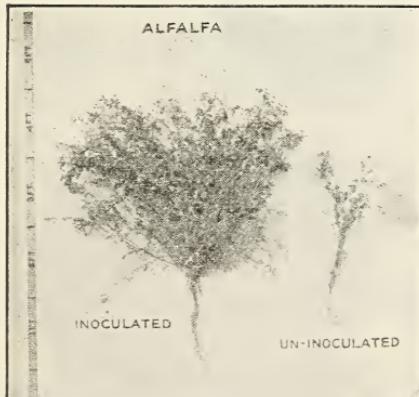
HOOVER POTATO DIGGER No. 330

A practical digger, working well in almost all kinds of soil where it is reasonably free from weeds and grass, in fact working well under many unfavorable conditions where other diggers fail.

\$165.00

EUREKA POTATO DIGGER

Price \$150.00



THE STANDARD INOCULATION **FARMOGERM** HIGH BRED NITROGEN GATHERING BACTERIA

Farmogerm is nitrogen-fixing bacteria bred up to transform large amounts of nitrogen from the air into soluble nitrates.

Price	Garden size, 1-4 acre, \$0.50
"	One Acre size, 1.00
"	Three acre size, 2.50

For growing plants in house or garden.

Small package	15c
Package of 30	25c
" " 100	75c
" " 1000	\$3.50

STIM-U-PLANT

PLANT STIMULANT TABLET

Trade Mark Registered U. S. Patent Office

FERTI-FLORA—A liquid fertilizer, especially good for house plants and ferns.
Per bottle 35c.

The MODEL Extension Carnation Support.

Patented

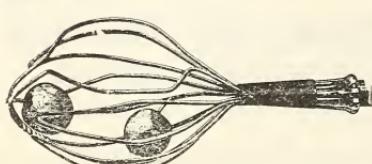


GLASS CUTTER.....	.25c and .40c
GLAZING POINTS, (Brads).....	Pkg. .25c
" " (Zinc).....	" .10c
" " (Peerless).....	" \$1.25

GLAZING NAILS, Box.....	.25c
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GARDEN TROWEL, (common).....	15c, 20c	
" " solid steel.....	50c	
" " forged steel.....	90c	
" " transplanting.....	35c	
WEEDING FORKS.....	15c, 35c and 50c	
FLORAL SETS.....		
3 in set (small).....	50c, 75c, \$1.00	
3 in set, strong (large).....	2.00	
4 in set.....	2.75	
ENGLISH SCUFFLE HOES.....		
5 inch	\$1.00 8 inch	1.65
6 "	\$1.25 9 "	1.75
7 "	1.50 10 "	1.90
Handles extra.....	40c	
COMMON SCUFFLE.....	1.25	
ASPARAGUS KNIVES.....	50c	



FRUIT PICKERS (wire) .65c and .75c

BAMBOO CANES,—6 ft. long, \$2.50 per 100; 8 ft. long, \$4.00 per 100; 10 ft. long \$7.00 per 100.

STAKES, SQUARE, GREEN, TAPERING.—

Each.	Doz.	Hundred	
1½ feet .....	.3c .....	.25c	\$2.00
2 " .....	.4c .....	.40c	3.50
3 " .....	.9c .....	.95c	7.00
4 "	1.2c	\$1.35	11.00
5 "	1.6c	1.85	16.00
6 "	1.8c	2.00	18.00

STAKES, ROUND, GREEN, TAPERING,—

Each.	Doz.	Hundred	
2 feet .....	.5c .....	.50c	\$3.50
3 " .....	.10c	\$1.10	6.50
4 " .....	.14c	1.45	10.00

STAKES OR DAHLIA POLES, HEAVY ROUND,—

Each.	Doz.	Hundred	
5 feet .....	.25c	\$2.50	\$18.50
6 " .....	.28c	3.00	22.00

GALVANIZED WIRE STAKES,—

Doz.	Hundred
2 feet .....	.25c
3 " .....	.35c
3½ " .....	.40c
4 " .....	.45c
5 " .....	.55c
6 " .....	.60c

WOOD GARDEN LABELS,—(100 in pkg.)—

.8 inch per hundred,	Painted, \$1.25
12 "	" 1.75

WOOD POT LABELS,—(1000 in pkg.)—

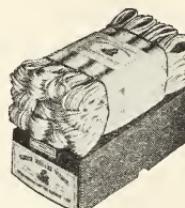
4 inch.....	Painted, \$1.75
6 "	" 2.75

WOOD TREE LABELS,—3½ in. copper wired, 25c per doz., \$1.50 per 100.

FLOWER STEMS,—(Wired Tooth Picks), per box of 10,000, \$2.50 and \$3.00

CARNATION SUPPORT,—"Model Extension," 2 ring, per doz., \$1.00; per 100, \$7.00, 3 ring, per doz., \$1.25; per 100, \$8.00

TOMATO SUPPORT, Price 30c each, per doz., \$3.00



GARDEN LINES,
(100 ft.).....1.50

GARDEN REELS, large
\$1.50, extra large \$2.00

HAND WEEDERS
15c to 50c.



TREE TUBS

No. 1.....	12 inches	10½.....	Each
" 2.....	13	12½.....	4.40
" 3.....	14½ "	14½.....	5.75
" 3½.....	16½ "	15½.....	7.75
" 4.....	19½ "	16½.....	8.25
" 5.....	22½ "	18½.....	9.75

FRUIT PICKERS (wire) .65c and .75c



HAND CARTS

Light and Strong

Size inside of body 39 in. x 20½ in.

Depth 8 in.

Side Wheels 26 in.

Capacity 250 lbs.

Price.....\$16.50

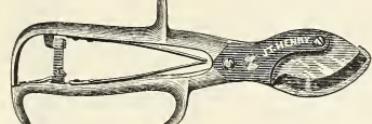
CUT FLOWER VASES FOR CEMETERY

Tin.....15, 20c and 25c

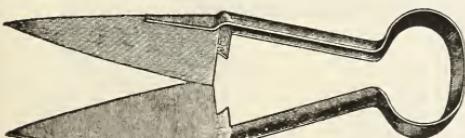
HOT BED MATS



Made of Jute, thickly padded. 76x76in. Price ea. \$4.25
Improved Mole Trap.....2.00
Pruning Shears, 7 in. light Steel.....1.50



Pruning Shears, 8 in. steel.....\$1.00
" " 8½ in. steel.....1.25
" " 8 in. Malleable, steel blades, 1.50
" " French.....\$1.25, \$1.50, \$2.25, \$3.00
Flower Picking Shears (nickled),.....\$2.00
Grape Thinning Shears.....\$1.25 and \$1.75
Grass or Sheep Shears.....\$1.00, \$1.25, \$1.50



True Vermonter Shears.....\$1.25, \$1.50 and \$2.25
PRUNING KNIVES.

English Stag Horn.....\$2.25, \$2.50
Cocobolo.....\$1.50, \$1.75

BUDDING KNIVES.
Ivory Handle.....\$2.50, \$2.75, \$3.00

PRUNING SAWS

\$1.50, \$1.85, \$2.50, \$3.00 and \$4.00



WATER'S TREE PRUNER	
4 feet	\$1.25
6 "	2.50
8 "	2.75
10 "	2.95
12 "	3.00
Extra Knives .....	.35
Orchard Pruner—plain	
".....	\$2.50 and \$3.00
TREE SCRAPERS.....	\$1.00
".....	Blades 50c



Sand Riddles for Sifting Soil

18 in. Galvanized either ¼ inch, ½ inch, ¾ inch or 1 inch, each \$1.00. \$1.25 and \$1.50.

RUBBER PLANT SPRINKLER



Medium size.....\$1.00
Large size.....1.20

MASTICA,—Used in place of Putty.
½ gallon can, \$1.50; 1 gallon can.....\$2.75
MASTICA MACHINE.....3.50
PUTTY BULB—for glazing.....1.75
TARRED MARLINE—for making straw mats, per lb.....50
RAPHIA—for tying, per lb.....Price on application
WOOL TWINE—soft, for tying, per lb. 20c and 25
SILKALINE—green, per spool.....40
GREEN FLORIST'S TWINE—per ball.....15
COARSE TWINE—Hemp, very strong, per ball.....25 and .35
FINE TWINE—hemp, per ball.....20 and .35
COTTON TWINE—per ball.....10
GALVANIZED ANNEALED GREENHOUSE WIRE—per lb.....20
MOSS (Sphagnum)—either dry or fresh—green, per bbl. Prices on application.
CORN KNIVES.....40c, 60c and 85c
GRASS HOOKS—Common.....45c to 65c
" " English \$1.00 and Concave 85c
TIN FOIL—Plain.....35c
" " Violet and Green.....75c





HAY FORKS Batcheller's

No. 0, 3 Tine (boys') straight handle	80c
No. 3, 3 Tine bent handle	\$1.15



The above prices are for forks with
3 $\frac{3}{4}$ ft., 4 ft., and 4 $\frac{1}{2}$ ft. handle.
Extra long handles, 15c extra.

HOES

Socket Field, 7 $\frac{1}{2}$ and 8 in. blade	\$1.05
Shank Field, 7 $\frac{1}{2}$ and 8 inch blade	90c
Socket, Meadow, 9 and 10 inch	1.10
Ladies' Hoe, 5 $\frac{1}{4}$ inch blade	.75c
Humphrey (tooth hoe)	1.15
Warren Hoe	1.05 and 1.15
Mortar Hoe (shank)	1.20
" " (socket)	1.35
" " (Mixer)	1.35

RAKES

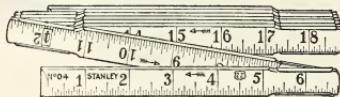
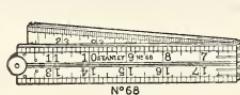
Steel Garden	10 tooth	.85c
" "	12 "	.90c
" "	14 "	.95c
" "	16 "	\$1.00
Steel Short Teeth	16 "	1.15
Steel Heavy Road	14 "	1.55
TURF EDGER—or Edging Knife		1.00



PLANET Jr.

"PLANET Jr." NO. 2 EDGER \$2.00

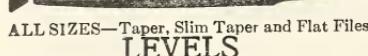
RULES



1 foot Caliper	.65c
2 " Plain	.30c
2 " (heavy joint)	.35c
2 " Half Brass Bound	.65c
2 " Full	.75c

FILES

ALL SIZES—Taper, Slim Taper and Flat Files.	
LEVELS	
12 inch	\$1.00 and 1.25
16 "	.81.25 and 1.50
28 "	\$2.50 and 3.00
30 "	3.50
42 "	4.25
Aluminum Steel	\$5.00



3 foot Zig Zag	.35c and 40c
4 " "	.45c and 60c
5 " "	.50c and 60c
6 " "	.60c and 75c

GLUE LePAGE'S

Tube	.20c
Small Bottle	.20c
Large Bottle	.35c
Can	.40c, .65c and .85c



BIT BRACES



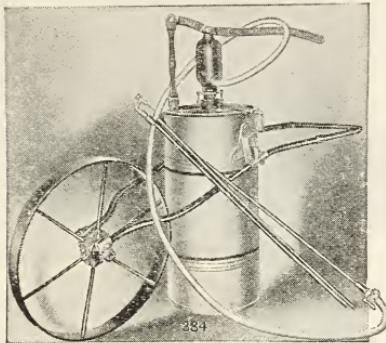
Plain	\$.15.00
Ratchet	1.75, 2.50 and 4.50
Putty Knives	.20c and .45c
Key Rings	.5c, 10c and 15c
Key Chains	.10c, .35c
Carpenters' Pencils	.10c

BITS

4-16	.50c
5-16	.50c
6-16	.50c
7-16	.50c
8-16	.50c
9-16	.60c
10-16	.60c
11-16	.60c
12-16	.65c
13-16	.65c
14-16	.65c
15-16	.65c
16-16	.65c
Ford's Sets	.80c
W. R. Jennings' Sets	.80c
Jennings' Patent Sets	.90c
Gimlet Bits	.20c
Tapping Bits	.60c and .65c
Gimlets	.15c and .20c

HATCHETS

Shingling	\$1.65
Broad	\$2.00, \$2.50 and \$3.00
Hunter's	\$1.65 and \$2.50
House Axe	\$1.75 and \$2.00
Lathing	\$1.65
Boy Scout	\$1.75



AUTO SPRAY NO. 42 D

With 12 gal. galv. steel tank with truck 20 in. wheel.
For applying whitewash, cold water paint spraying
material, etc. Price \$28.00.

KNAPSACK SPRAYER NO. 5

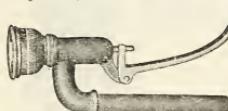
With double acting pump complete, Price \$8.00
Pump alone.....\$4.50.

PHILADELPHIA WATERING POTS

Made of very heavy galvanized iron, with brass joints, with two copper roses and extra long spout.
6 Quart, \$5.50. 8 Quart, \$6.00

FRENCH PATTERN WATERING POT

6 Quart, Galvanized, - - - - \$6.00
 8 Quart, Galvanized, - - - - 6.50



Auto Pop Nozzle

AUTO POP NOZZLE, \$1.50

" " " with hose complete \$2.00
Brass extension pipe 2 foot length, 60c

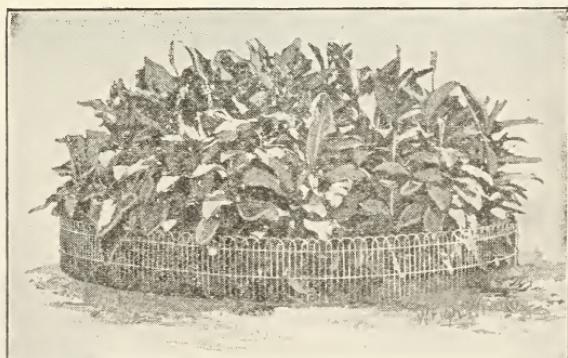
AUTO SPRAY PUMP

Self-operating Sprayer, simple, durable, easy to carry and operate. Price with Brass Tank and Auto Pop Nozzle, \$9.50; with Galvanized Tank and Auto Pop Nozzle, \$6.50.

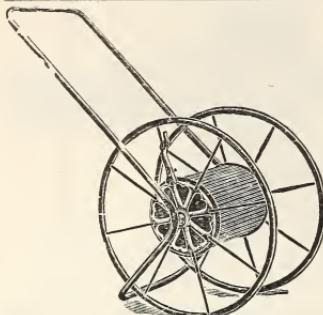
FLOWER BED GUARD



Auto Spray Pump



Made of heavy galvanized wires, 16 in. high, 12 when set,	Per lineal ft.	11c
" " 22 " 16 "	" "	13c
Wire Trellis " " 18 " wide	" "	09c



Tubular Hose Reel

The "B&S" Hose Reel

A very satisfactory reel. Price \$3.25 and \$3.75

Tubular Iron Hose Reel

Light weight, high wheels.

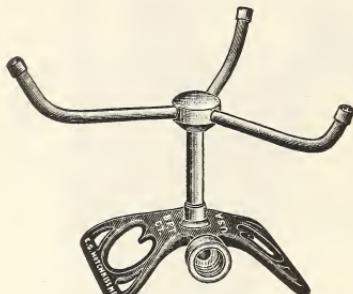
For 100 ft. Hose, \$5.50. For 150 ft. Hose, \$6.50.

RUBBER HOSE

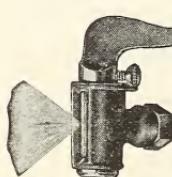
"MOLDED HOSE"—A fine quality hose non-kinkable, very pliable, especially good for tree spraying and greenhouse use, $\frac{5}{8}$ in. and $\frac{3}{4}$ in., 22c ft. coupled.

HOWARD'S "Maxecon"—An excellent hose. $\frac{1}{2}$ in., 15c., $\frac{3}{4}$ in., 18c.

RIB CORD— $\frac{1}{2}$ in. hose, 50 ft. length, coupled \$6.00



Lawn Sprinkler, Fig. 35, \$2.25

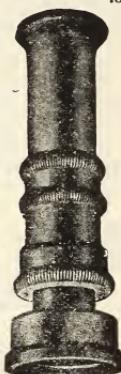


Bordeaux Nozzle, \$1.25

LAWN SPRINKLER,—Similar to Fig. 35 but with longer arms, higher standard and rose spray.	\$6.00
RING SPRINKLER,—Very simple, Brass each.	.50 .75 and \$1.25
HOSE COUPLINGS—Complete set,	.30
" Bands and Clamps, each,	.05 and .10
" Menders "Cooper's," $\frac{3}{4}$ in., $\frac{1}{2}$ in., each 10	1.10
" Washers, per dozen,	.10
" Pliers,	.30
" End for connecting hose with faucet,	.50
" Perfect Clinch Mender, each,	.12
HOSE NOZZLE,—Throws spray or solid stream by turning thumb screw.	\$1.25
MISTRY NOZZLE,—for $\frac{1}{4}$ in. pipe, \$2.00; for Hose,	\$2.25
MISTRY JR. NOZZLE,—for $\frac{1}{4}$ in. pipe, \$1.25, for Hose,	\$1.50
COUPLING to connect Hose with $\frac{1}{4}$ in. extension pipe,	.30
VERMOREL SPRAY NOZZLE,—	\$1.00
Chisel Blade Weed Cutter, with Foot Rest,	25c and \$1.25 \$1.25

BRASS PLANT SYRINGES.

No. 101—1" x 12" Rose and Jet	\$4.00
No. 102—1 $\frac{1}{2}$ " x 16" Rose and Jet	6.00
No. 103—1 $\frac{1}{2}$ " x 16" " " "	7.00



Boston Hose Nozzle 75c

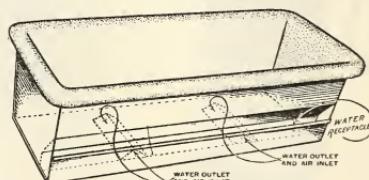
MANILA PAPER	{ Sizes 18 in. x 24 in. " 24 " x 36 " " 36 " x 48 "	{ market price.
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WHITE WAX PAPER—For flowers—ream.....	\$2.00 and \$4.00.
WHITE TISSUE PAPER—For " " "	2.50 " 5.00.
GREEN TISSUE PAPER—For " " "	2.50.

WINDOW FLOWER BOXES
(Success)

Made of Galvanized Metal and painted Green.
For veranda or inside use.

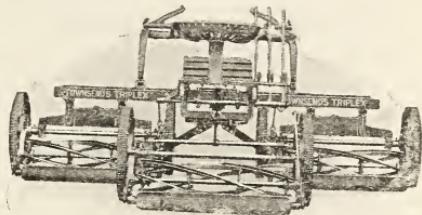
24 in.....	\$1.75
30 "	2.50
36 "	3.00



Coldwell's "Improved" Horse Lawn Mower



A Splendid Machine. It is provided with shafts, seat and side draft attachment. Price: 30 in., \$145.00; 35 in., \$165.00.

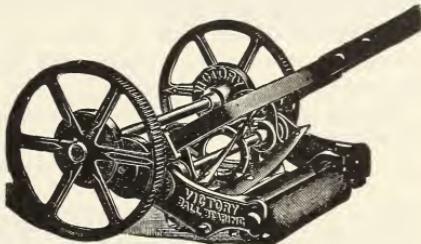


TOWNSEND'S TRIPLEX HORSE LAWN MOWER

THE TRIPLEX, consists of three lawn mowers yoked together, two abreast and one following in the center, easily drawn by one horse and cuts a swath over seven feet wide—conforms itself to uneven surfaces, does good and very rapid work. Price complete \$425.00 f. o. b. factory.

VICTORY BALL BEARING LAWN MOWER

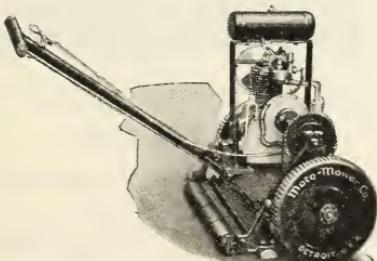
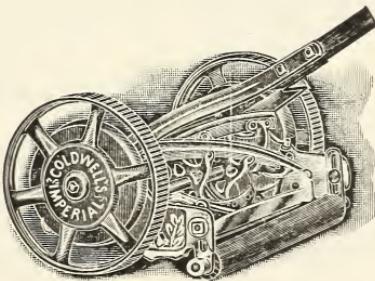
Light, easy running, a beauty, 16 in., \$21.00; 18 in., \$22.00.



IMPERIAL HIGH WHEEL LAWN MOWER

This mower is not surpassed by any Lawn Mower in the market. It is easy running, does the best of work, and its construction is such that it will outwear any lawn mower made.

Price: 16 in., \$19.00; 18 in., \$20.00.



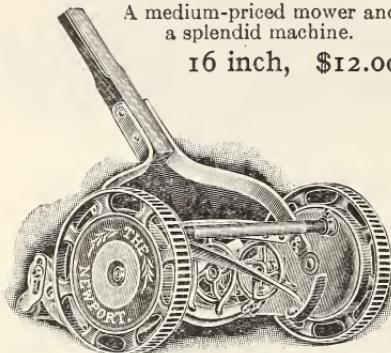
THE MOTO-MOWER

A sturdy, simple Motor Lawn Mower. Width of cut 27 in. The latest and best of the small motor mowers. Weight 195 lbs. Price: \$295.00.

THE NEWPORT HIGH WHEEL MOWER

A medium-priced mower and a splendid machine.

16 inch, \$12.00

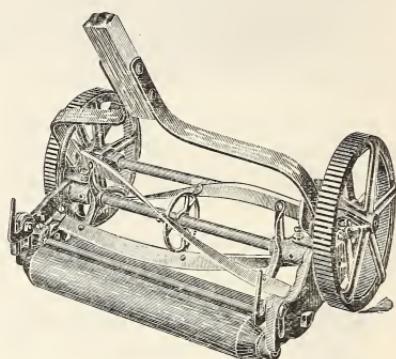


THE ELECTRIC LAWN MOWER

A high-class ball-bearing mower \$13.00

THE JEWEL LAWN MOWER

An excellent medium price lawn mower.
14 in., \$9.00; 16 in., \$10.00.



THE NORKA LAWN MOWER

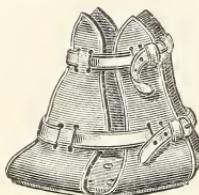
This mower is what might be called a bar-gain mower, it is worth much more than the price asked. 16 inch only, \$9.25.

GRASS CATCHER for high wheel mowers, \$3.00 each.

COLDWELL MOTOR MOWERS

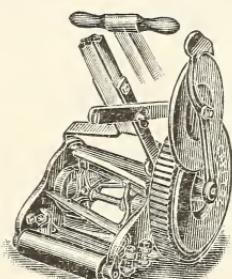
MODEL L.	25 in. Cut	\$325.00	{
"	H. 30 in. Cut	400.00	
"	G. 35 in. Cut	450.00	
"	M. 40 in. Cut	1500.00	

net f. o. b. factory
Newburgh, N. Y.



HORSE LAWN BOOTS

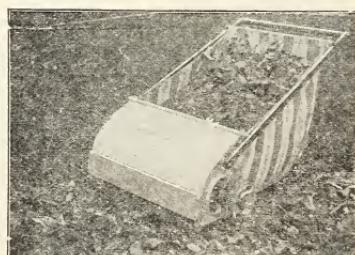
To prevent horse from marking the lawn.
Price per set of 4
\$18.00



Capital Lawn Edger and Trimmer

For cutting grass borders and trimming edges of walks.

Price complete,
\$10.50



THE PENNSYLVANIA LAWN CLEANER

A revolving fan with metal teeth, takes up leaves, dead grass, stones, etc.

Price, 24 in.	\$35.00
" 36 "	50.00

POMONA SPRAY PUMP

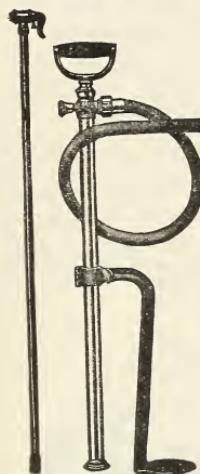
One of the Best Pumps for orchard use, very powerful, all working parts solid bronze.

Price with Agitator and barrel fastenings (without barrel or hose), \$24.00.

Pump with 15 ft. hose, "Mistry" nozzle and Agitator, without barrel, \$30. Fitted to barrel, \$37.50.

Price with two leads of hose, with nozzles and Agitator, without barrel, \$33.50. Fitted to barrel, \$44.00.

Gould's Cart for mounting barrel sprayers, without barrel, \$24.00.



The Aquapult

Four Row Traction Sprayer

A practical Sprayer operated by horse power, tank is strongly constructed, holds 55 gallons, sprays four rows at once.

Price with Pole, Duplex Pump, Wind Shift and Nozzle Strainer, \$167.00. Extra for Drop Nozzle Spray Bar Attachment, \$37.50.



THE AQUAPULT

A VERY SERVICEABLE HAND FORCE PUMP

The valves are brass balls, which successfully resist the action of acids. Complete with 3 ft. discharge hose, solid stream and spray nozzle. Price \$7.50. With 4 foot Extension Rod and Bordeaux Nozzle, \$9.50.

THE AUTO SPRAY PUMP—Similar to the Aquapult but smaller. \$5.50



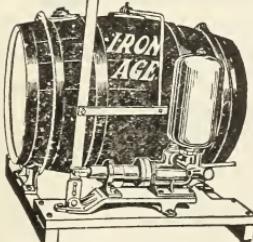
IMPROVED SPRAYER

Throws a very fine spray of any liquid mixture usually used in destroying insects, bugs, etc.; throws dry insecticides nicely. The best thing for applying Kilfli, etc. on cattle. 50c, 75c and \$1.25.



BELLOWS OR GUN.

For applying dry, Paris Green, Hellebore Tobacco Dust, Sulphur, etc., \$1.50



"Iron Age" Horizontal Sprayer

Mounted on skids, can be set on any wagon, cart or sled. Price Double Acting Pump \$58.00. With one lead hose, \$63.50. Four Row Wagon attachment, \$24.50.

TORCHES, Made of asbestos. 40c

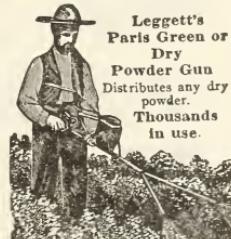


INSECT POWDER GUN.—Small, 15c.

B D SIFTER

For using Bug Death and other Insecticides dry.

Price, 85c.



Price, \$16.00



DICKEY BUG DEATH SIFTER, 50c.

INSECTICIDES

ANT DRIVER—(powder), pkg. 35c.

APHINE,—For the destruction of green fly, black fly, white fly, thrip, red spider, mealy bug, caterpillars, white and brown scale. Quart \$1.00; Gallon \$3.50.

APHIS PUNK.—For fumigating Greenhouses. Three rolls will fumigate 100 foot house. One dozen rolls in box. Price per box, \$1.00.



ARSENATE OF LEAD.—Paste. 1 lb. 40c, 5 lbs. \$1.75, 10 lbs. \$3.

ARSENATE OF LEAD.—Powdered. Per 1-2 lb. 30c, 1 lb. 50c.

BEDBUG POWDER.—Per pkg., 35c.

Bordeaux Mixture,—Paste. Prevents Potato Blight, Mildew and all Fungus growths. Dilute with 25 to 50 parts water. Qt. can, 60c; Gallon can, \$2.00.

Bordeaux Mixture—Powder. 1 lb. 40c; 5 lbs. \$1.50.

"Black Leaf 40"—A strong, nicotine preparation, for destroying aphis, thrip, etc., 1 oz. 35c; $\frac{1}{2}$ lb. can, \$1.25; 2 lb. can, \$3.50; 10 lb. can, \$13.50

BLUE VITRIOL,—Blue Stone Copper Sulphate, (Crystals), per lb., 14c.



BUG DEATH.—An insecticide for destroying Potato, Squash and Cucumber Bugs, Currant Worms, etc. Price 1 lb. pkg., 20c, 3 lb. pkg. 50c, 5 lb. pkg. 75c, $12\frac{1}{2}$ lb. pkg. \$1.50; 100 lb. keg, \$9.25.

CARBOLA—A disinfecting, germ-killing white paint, used instead of whitewash. Trial package, 35c; 5 lb. pkg., 75c; 10 lb. pkg., \$1.25.

Chloride Lime.—A valuable disinfectant. Price 1 lb. box, 15c.

Copper Solution.—To prevent blight, rot and mildew, qt. \$1.50.



CROW REPELLANT.—Protects corn from crows, squirrels and rats; will not clog planter. One can for one bushel corn, \$1.00. Large Can \$1.50.

Cut Worm Killer,—Non-poisonous powder. Birds and fowls that eat the dead worms are not killed. One pound protects 175 plants or a 150 ft. row. 1 lb. box, 35c.

Cyanide of Sodium.—Per lb., \$2.00.

FLEA KILLER POWDER.—35c.

FLY-A-WAY.—A reliable preparation to protect animals from flies. Per gal. \$1.50.



FLYOSAN—For roaches, bed-bugs, flies, etc.; for moths in clothes presses and in clothing, absolutely harmless but very effective.

Pint can 75c; qt. \$1.25

Gal. can \$4.00.

Hellebore,—For currant worms and rose slugs. Price $\frac{1}{2}$ lb. box 35c; 1 lb. box, 65c.



KILFLI (So-bos-so).—An excellent preparation to protect animals from flies. Price per qt., 70c, per gal can, \$1.50.

FORMALIN.—For treatment of seed potatoes for scabs; per bottle, \$1.00.

Fungine.—A remedy for mildew, rust and other fungus diseases, qt. \$1.25, gal. \$3.50.

GRAPE DUST.—For the prevention of mildew 5lb. pkg. 90c.



Kerosene Emulsion.—For scale and all sucking insects. Per qt. 60c, gal. \$1.50.

SPRAY CALENDAR

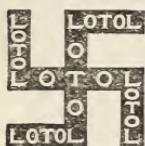
As Recommended by Massachusetts and New Jersey Experiment Stations.

We carry a complete line of Insecticides and Fungicides necessary for the control of Plant Pests found in this locality.

Name of Fruit	Time of Spraying	Material for 50 Gal. Water	Pests Controlled
APPLES	1st Spraying Early spring just as the buds are breaking	Commercial Lime-sulfur, 6 gal.; arsenate of lead paste 4 lbs, 40% nicotine sulphate $\frac{3}{8}$ pt. milk of lime, 5 lbs.	Scale, aphis, bud moth, and certain fungous diseases
	2nd Spraying Just before the blossoms open	Lime Sulfur, 1 gal.; 40% nicotine sulphate $\frac{3}{8}$ pt.; arsenate of lead paste 3 to 5 lbs.; milk of lime, 5 lbs.	Budmoth, tent caterpillar, browntail moth, curculio, aphis, red bug, and scab
	3rd Spraying Within a week after the petals fall	Same as second spraying	Codling moth, curculio, apple scab, red bug, gypsy moth and aphis
	4th Spraying About 4 weeks later	Same as third spraying except nicotine may be omitted if aphis are not present	Codling moth, lesser apple worm, scab, gypsy moth, sooty fungus, etc.
PLUMS	1st Spraying Before the buds swell	Commercial lime-sulfur 1 part to 9 parts of water	Black knot, brown rot, and San José scale
	2nd Spraying Immediately after the petals fall	Self-boiled lime-sulfur: 3 lbs. arsenate of lead paste to each 50 gal. water	Brown rot, curculio, and fungous diseases
	3rd Spraying When fruit is the size of small green peas	Same as 2nd spraying	Curculio, brown rot, and fungous diseases
	4th Spraying 3 weeks after 3rd spraying	Self-boiled lime-sulfur	Note:—To get best results in rot control from spraying, thin green fruits in June so that they do not touch.
CHERRIES	1st Spraying Before the buds swell	Commercial lime-sulfur, 1 part to 9 parts of water	For scale insects and fungous diseases
	2nd Spraying Immediately after the petals fall	Self-boiled lime-sulfur and 3 lbs. arsenate of lead paste to each 50 gal.	For brown rot, leaf spot, curculio, leaf chewers and fungous diseases
	3rd Spraying When the fruit is the size of small pea	Same as 2nd Spraying	Same as 2nd spraying
	4th Spraying After the fruit is picked	Self-boiled lime-sulfur only	For leaf spot
	5th Spraying 3 or 4 weeks after 4th spraying	Same as 2nd spraying	For leaf spot

Name of Fruit	Time of Spraying	Material for 50 Gal. Water	Pests Controlled
GRAPES Note.—Destroy all diseased parts, including leaves, fruit, and canes and trash around the vineyard	1st Spraying Just before the blossoms open	Bordeaux Mixture (4-4-50)	Mildew, Black rot, and anthracnose
	2nd Spraying Shortly after the blossoming period	Bordeaux Mixture (4-4-50)	Same as 1st Note: — Where grape leaf hopper is present combine nicotine Sulphate $\frac{1}{4}$ pt. to 50 gal. water with the Bordeaux Mixture
	3rd Spraying 2 weeks later	Same as 2nd	Same as 2nd
PEARS	1st Spraying In fall after leaves are off	Soluble oil of winter strength or $\frac{3}{4}$ pt. of 40% nicotine sulphate, Add 4 lbs. soap to sol.	For pear psylla adults and San José scale
	2nd Spraying As the cluster buds separate and before the blossoms open	Commercial lime-sulphur 1 part to 9 parts of water	For San José scale and pear psylla eggs.
	3rd Spraying Directly after petals fall	Commercial lime-sulphur, 5 qts. plus 3 lbs. of arsenate of lead paste	For fungous diseases, codling moth, curculio, canker worms, tent caterpillars and leaf chewers generally
	4th Spraying Seven days after the blossoms fall	Same as 3rd spraying	For brown blotch, black spot and other fungous diseases, curculio and leaf chewers generally. For leaf hoppers use 40% nicotine sulphate $\frac{3}{4}$ pt to 50 gal. water
	5th Spraying Seventeen days after the blossoms fall	Same as 3rd spraying	Same as 4th
	6th Spraying 4 to 5 weeks after the blossoms fall	Same as 3rd spraying	For codling moth, brown, blotch, black spot, and leaf chewers generally
POTATOES	7th Spraying 10 to 11 weeks after blossoms fall	Same as 3rd spraying	Same as 6th
	1st Spraying When plants are 6 in. high	Bordeaux mixture (4-4-50) plus 3 to 6 lbs. arsenate of lead paste	for early blight, late blight potato beetle and flea beetle. Note:—Bordeaux Mixture has proved to be the best fungicide for potatoes as it effectively controls blights and has a stimulating effect on the vines
	2nd Spray 2 wks. after the first	Same as 1st	Same as 1st
	Subsequent sprays		Keep plants well covered; in wet seasons as often as 10 to 14 days use 5-5-50 Bordeaux with same amount of arsenate of lead

INSECTICIDES (Continued)



LIME-SULPHUR (Commercial)—The most widely used and recommended remedy for San Jose Scale. 1 gal. makes 10 to 40 gals. Prices, 1 qt. can, 50c; gal. cans, \$1.10; 5 gals., \$4.25. Barrel of 50 gal., \$15.00.



LOTOL—A contact insecticide jelly for *Aphis* and Plant Lice, "No fuss—no muss," a teaspoonful makes a gallon. 1 oz. tube 45c; 3 oz. tube 90c.



MELROSINE—A liquid insecticide; certain death to Rose Bugs. pt. \$1.00; qt. \$1.75.

NICO-FUME—Tobacco Paper for fumigating. Per can, \$1.25 \$5.50 and \$10.00.

NICO-FUME LIQUID—For fumigating and spraying. Lb. can, \$2.25. 4 lb. can, \$8.00.

NIKOTEEEN—The large bottle represents the extracted product of 150 lbs. tobacco. Price, 2 oz. bottle, 40c; large bottle, \$2.50.

NIKOTICIDE—A powerful tobacco insecticide for greenhouse fumigating. Cans, \$1.50 and \$2.75.

PARIS GREEN.—**Absolutely Pure.**— $\frac{1}{4}$ lb. pkg., 20c; $\frac{1}{2}$ lb. pkg., 35c; 1 lb. pkg., 65c.

PLANT LICE KILLER,—For killing aphids on fruit trees, potatoes, garden truck and house plants. Pint, 30c; quart, 50c.

Potash or Lye—Per box, 15c.



Pyrox

PYROX.—A spray for all leaf eating insects, also a preventative of fungus diseases. Lb., 45c; 5 lbs., \$1.65; 10 lbs., \$3.00; 25 lbs., \$6.00; 50 lbs., \$11.00; 100 lbs., \$18.50.



Rat Annihilator,—Kills and consumes the body of the rat. Pkg 20c.

Roach Killer.—Pkg. 25c.

Scalecide.—For spraying, especially good for San Jose Scale. 1 gal. \$1.45, 5 gals. \$6.25.

Sheep Dip.—Cooper's—In powder form pkg. makes 25 gallons. Price 60c.

Sheep Dip.—"Kill Germ" for dipping sheep and for lice on cattle and hogs. Qt., 60c; $\frac{1}{2}$ gal., \$1.00.

Slug Shot—Hammond's.—Destroys insects injurious to house and garden plants, potatoes, vegetables, and fruits of all kinds. Comes all ready for use. 5 lb. pkg., 65c; 1 lb., 20c.

Sylpho-Nathol—formerly Sulpho-Naphthol.—A modern cleanser and purifier. Makes everything clean and healthful. One of the best disinfectants known. Price, small bottle, 35c; medium bottle, 65c; large bottle, \$1.00; one gallon can, \$3.00; five gallon can, \$12.50; ten gallon can, \$20.00.

Sulphur, Flowers of.—Much finer and preferable to Flour of Sulphur, for the prevention and cure of Mildew on grapevines, roses, etc. Price per lb., 12c; 100 lbs., \$9.00.

Sulphuric Acid.—Per bottle, 85c.

Tobacco Dust.—A very fine dry powdered tobacco. Price per lb., 15c.

Tobacco Stems.—For fumigating. In bales of about 100 lbs. each, 3c per lb.

TREE TANGLEFOOT.—A sticky substance applied directly to the bark to protect trees against climbing insects. 1 lb. can, 50c; 3 lb. can, \$1.45; 10 lb. can, \$4.50; 20 lb. can, \$8.75.

WEED KILLER, DOLGE'S.—For killing weeds in drives, walks, tennis courts, gutters, etc., highly concentrated. 1 qt. 60c; 1 gal. can, \$2.00; 5 gal. can, \$8.50; 10 gal. can, \$15.00; bbl. of 55 gal., 52.50.

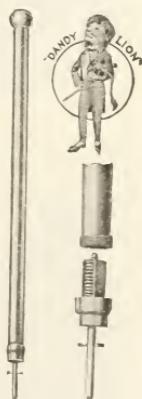
X ALL.—Liquid insecticide, for spraying and sponging to destroy insects, quart can, \$2.50; half gallon can, \$5.00; 1 gallon can, \$9.00.

Lamp for Fumigating.—Complete with stand, \$1.75.

WHALE OIL or FISH OIL SOAP.—Per lb., 30c.

"DANDYLION" WEED KILLER

For killing dandelions and other weeds in lawn with weed killing liquid. Price \$1.75



ROUND OR HEXAGON LAND TILE—(12 Inches long)


ROUND TILE

The sizes named are inside measurements.

2 inch	— — — —	per 1000 pieces,	— — —	Weights	3,000 Lbs.	Prices on Application
3 "	— — — —	" "	"	"	5,000 Lbs.	
4 "	— — — —	" "	"	"	7,000 Lbs.	
5 "	— — — —	" "	"	"	9,500 Lbs.	
6 "	— — — —	" "	"	"	11,000 Lbs.	
8 "	— — — —	" "	"	"	17,000 Lbs.	



LIST PRICES on STANDARD AKRON SEWER PIPE

We carry a heavy stock of this on hand.

Inside Diameter	Weight per Foot	List Price per Foot	Elbows and Curves Each		Curves	Elbows	Branches Single 2 Feet Long with Inlets up to and including 12 Inches Each	Branches Double 2 Feet Long with Inlets up to and including 12 Inches Each
			Elbows	Curves			Branches Single 2 Feet Long with Inlets up to and including 12 Inches Each	Branches Double 2 Feet Long with Inlets up to and including 12 Inches Each
3 ins.	7 lbs.,	\$0.30		\$1.20		\$1.20		\$1.50
4	9	.30		1.20		1.20		1.50
5	12	.45		1.80		1.80		2.25
6	15	.45		1.80		1.80		2.25
8	23	.70		2.80		2.80		3.50
10	35	1.05		4.20		4.20		5.25
12	45	1.35		5.40		5.40		6.75
			Curves	Elbows				
15	60	1.80	7.20	14.40		7.20		9.00
18	85	2.50	10.00	20.00		10.00		12.50
20	100	3.00	12.00	24.00		12.00		15.00
24	140	4.50	18.00	36.00		18.00		22.50

Discount on Application.

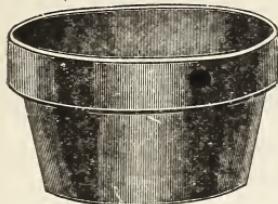
STANDARD FLOWER POTS AND SAUCERS

Size	Wt. per M Pots	Pots Per 100	Pots Each	Saucers Per 100
1½ inch,	100 lb.	\$ 1.15	.....	.....
2 "	150 "	1.25	.....	.....
2½ "	300 "	1.50	\$.02	.....
3 "	400 "	2.00	.03	.....
3½ "	600 "	2.40	.....	.....
4 "	750 "	3.00	.04	\$ 2.50
4½ "	1000 "	4.10	.05	.....
5 "	1300 "	5.40	.07	3.50
5½ "	1600 "	6.75	.....	.....
6 "	1950 "	8.10	.09	5.00
6½ "	2500 "	10.80	.....	.....
7 "	3350 "	13.50	.15	6.00
8 "	4400 "	19.50	.20	8.50
9 "	6600 "	30.00	.35	12.00
10 "	8700 "	40.50	.50	14.00
11 "	11250 "	60.00	.65	17.00
12 "	14500 "	82.50	.95	21.00
13 "		105.00	1.20	.30 each
14 "		135.00	1.50	.40 "
15 "		210.00	2.50	.50 "
16 "		300.00	3.50	.65 "
18 "		450.00	5.00	.85 "



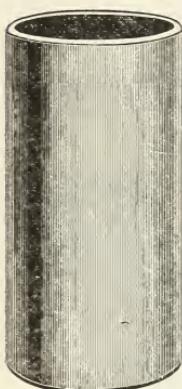
We are prepared to give you the right figures on first-class Earthen Ware, on application.

SEED OR BULB PANS



	Per 100	16 inch each,	\$3.75
5 inch Round,	\$5.40		
6 " "	8.10	18 " "	4.75
7 " "	13.50		
8 " "	19.50	20 " "	6.50
9 " "	30.00		
10 " "	40.50	22 " "	9.50
12 " "	82.50		
14 " "	135.00	24 " "	12.50

**FIRE CLAY
FLUE LINING**
2 FOOT LENGTHS
Openings and Register
50 per cent added.
*Sizes most used.



Outside Measure.	Weight.	List Price per ft.
4½x8½ in.	14 lbs.	\$.45
4½x13 "	20 "	.60
4½x18 "	40 "	1.20
7½x7½ "	15 "	.45
*8½x8½ "	20 "	.60
*8½x13 "	30 "	.90
8½x18 "	45 "	1.35
*13x13 "	38 "	1.15
13x18 "	57 "	1.75
18x18 "	72 "	2.25

FIBRE WARE—FLORISTS' VASES

No. 0.	8x13, -	- - - - -	- - - - -	\$2.00
No. 1.	5½x10,	- - - - -	- - - - -	1.85
No. 2.	4½x9,	- - - - -	- - - - -	1.75
No. 3.	4x6,	- - - - -	- - - - -	1.50
No. 4.	3x4½,	- - - - -	- - - - -	1.15
No. 11.	5½x18,	- - - - -	- - - - -	2.50
No. 22.	4½x15,	- - - - -	- - - - -	2.25

INDURATED FIBRE WARE SAUCERS

WILL NOT SOAK WATER

	Each	Doz.
5 inch,	\$.35	\$3.85
6 " "	.40	4.40
8 " "	.50	5.50
10 inch,	.60	7.00
12 " "	.65	7.50
14 " "	.85	10.00



CROCKS OR STONE JARS

For Butter, Meat, Pickles, etc.

Large Stock in the following sizes:

1 gal., 2-3-4-5-6-8-10-12-15-20-25 and 30 gal.

Prices on Application



STONEWARE JUGS

Prices on Application



SHOVELS

	Long Handle Round	D Handle Round	Long Handle Square	D Handle Square
Subject to change in market.				
Ames,	\$2.00	\$2.00	\$2.00	\$2.00
Blair,	1.75	1.75	1.75	1.75
Lee,	1.75	1.75	1.75	1.75
Massachusetts,	1.50	1.50	1.50	1.50

STEEL SCOOPS

Polished
Plain

SANDERSON'S	No. 2, - - - - -	\$1.85
"	No. 3, - - - - -	1.90
"	No. 4, - - - - -	1.95
"	No. 5, - - - - -	2.10
"	No. 6, - - - - -	2.20
"	No. 7, - - - - -	2.40

CONNEAUT.—Popular with the Coal Men. No. 5, \$1.85; No. 6, \$2.00; No. 7, \$2.10
Steel Furnace Scoop, \$.75 and \$1.25 . Wire Potato Scoop, \$3.00

PICKS—Adze
Eye Railroad
\$1.00
Contractors, \$1.35



SPADES

D Handle

Ames, - - - - -	\$2.00
Lee, - - - - -	1.75
Massachusetts, - - - - -	1.50

Long Handle
\$2.00
1.75
1.50

HANDLES

Sledge	.40c, .50c and .60c
Hammer	.20c and .25c
Hatchet	.25c and .50c
Pat Cross Cut Saw, per pr.	.65c, .80c, \$1.25
Ice Hook	.90c, \$1.00, 1.20 and 1.50
Axe—See Axes	
Pick	.50 and .65
Long or D Shovel	.60 and .75
Manure Fork	.40c and .60c
D. Spading Fork	.60c
Long Spading Fork	.60c
Hay Fork	.35c, .40c and .45c
Hoe and Rake	.40 and .50
Long Snow Shovel	.30c

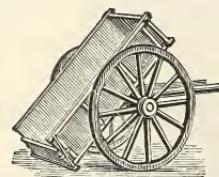
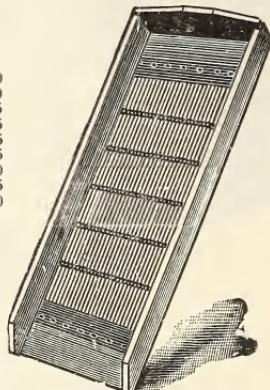
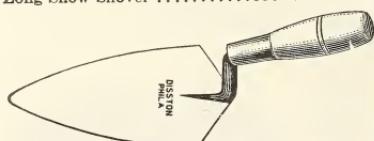
BRICK TROWELS

Disston's	\$.11.50, 2.00, 2.50
Pointing 4½ inch	.60
" 5 inch	.65
MASON'S Hocks	2.25
" Floats or "Darbies"	1.25
" Cork Floats	1.75
Tape Lines 50 ft.	.75 to 5.00
" 75 ft.	1.00 to 6.75
" 100 ft.	1.25 to 9.00

PLASTERING TROWELS.

Disston's 10½ inch	\$1.50
" 11 inch	3.25
" 11½ inch	3.50

Mason's Sand Screens.	
Medium	\$7.00
Large	8.00
Gravel Screen	14.00



Mortar Hods Steel \$2.25
Brick Hods Steel 1.75

TWO WHEEL DUMP OR FARM CARTS

PADLOCKS

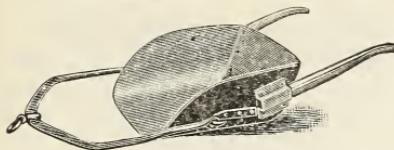
25c to \$2.50. Special
Milk Can Locks,
\$1.00, 1.25 and 1.50

Dimensions of Body

Medium, 3' front, 3' 1" rear, 17¾" deep

Axe Tires List Prices

1½" steel 3" \$3.00
With 4" tire, \$90.00



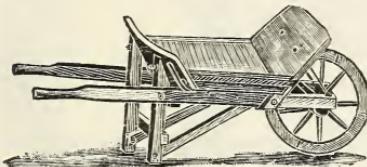
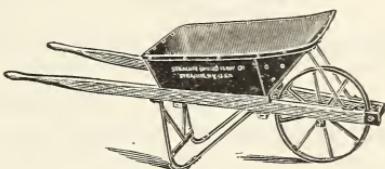
SOLID STEEL SCRAPER

No. 0 Extra Large, Two Horse, Capacity	9 Cubic feet with Runners,	\$20.00
No. 1 Large	" 7 " "	13.50
No. 2 Medium	" 5 " "	12.50
No. 3 One-horse	" 3 " "	10.50

NO. 75-A STEEL TRAY WHEELBARROW

No. 75A.—A perfect end dump contractor's barrow, capacity 4 cubic feet,	\$10.00
Tray for 75-A Barrow	\$6.00
All Steel Wheelbarrow,	\$14.00

Special prices on quantities



BOLTED RAILROAD OR CANAL BARROW,
patent wood wheel. 4.50

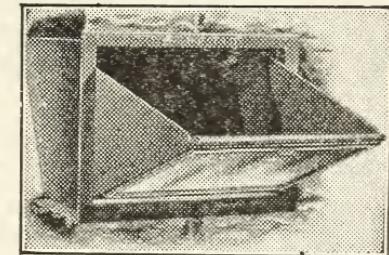
BOLTED RAILROAD OR CANAL BARROW,
patent steel wheel. 5.50

WINDOW COAL SHUTE

Hopper Opening. Outside Rim.	Price
Size "A" 22 wide—16 high 25x19	\$12.00
Size "G" 32 " 24 " 35x27	17.00

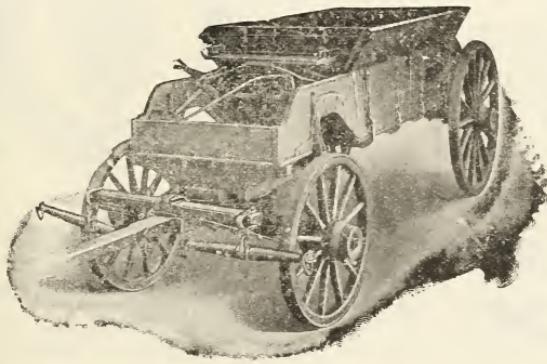
MEASURING RODS

6 ft. long, with brass tips, graduated to $\frac{1}{16}$ inch	\$1.75
10 ft. long, " Metal " " $\frac{1}{8}$ " " tenths	1.75
10 ft. long, " " " " " tenths	2.00



CART HARNESS

NEW ENGLAND PATTERN, (collar not included).
Prices on application.

BOTTOM
DUMPING
WAGON

1½ yard capacity, 3 inch
Tire, Bottom lined, Flaring
Side-boards.

2 yard capacity, 4 inch
Tire, Full lined, Flaring
Side-boards.

Prices on application



Finishing Lime. (Hand picked) for Finishing Coat work.
Red Label Lump. Selected Lumps for whitewashing.

WALL PLASTER

PEERLESS NEAT. To be used with sand, a splendid Plaster, works easily under the trowel, dries quickly, economical and is very much liked by the masons and builders. 100 lb. bag, \$1.30, per ton including bags, \$24.00.

PEERLESS WOOD FIBRE. Ready to use. Works nicely under the trowel, makes an excellent wall. 100 lb. bag, \$1.30 per ton including bags, \$24.00.



board, 32 in. x 36 in. Price per board 30c. Special price on large quantities.

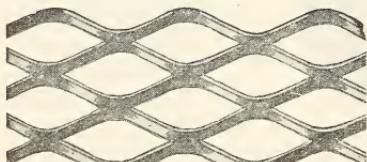
CONCRETE HARDENER,—(Master Builders.) For waterproofing and surface hardening of concrete, per bag of 50 lbs. 15c per lb.

Concrete Hardener (Lapidolith.) A liquid hardener and waterproofer, to mop on. Price 1 gal. can \$4.50; 5 gal. pkg. \$17.50.

MEDUSA WATERPROOF COMPOUND, per bag, 40 lbs., 15c lb. Special price in quantities.

MEDUSA WATERPROOF PASTE, One gallon to one bbl. cement, dissolve in the water, 1 gal. can \$1.15, 5 gal. can, \$5.50

METAL LATH



PORTLAND CEMENT (Best Brands Only)

We are in a position to furnish Portland Cement in any quantities from a pound to any number of carloads, our facilities for supplying on large contracts being especially good. We will figure on board cars, at our storehouse, or delivered on the job as desired. Prices on application.

KEENE CEMENT—For fine plastering and tile work, per bag \$2.75.

LIME

We are Sole Agents in this vicinity for the celebrated Farnum Cheshire Lime, and carry in stock the following brands:

Black Label Lump. For Brick and Stone Work.



HYDRATED LIME. "Tiger Brand." "White Rock Finish." We recommend this always for finish work. For plastering and Finishing Coat work. Per 50 lb. bag, 65c; per ton, \$24.00.

MASONS CALCINED PLASTER (Plaster of Paris), Higginson's probably the best; per bbl. \$5.75.

HAIR FOR PLASTERING. Extra long goat, per bushel sack 75c.

MORTAR RED. Dry per lb. 5c, per bbl. \$9.00.

ATLAS WHITE PORTLAND CEMENT a pure white Portland cement, per bag \$2.50. Special price in quantities.

PLASTER BOARD "PEERLESS", a very strong plaster



24 Gauge, in bundles of 15 sheets (each sheet contains 1 7/9 sq. yards.) or 26 2/3 sq. yds. per bundle. Prices on application.

GALVANIZED STUCCO REINFORCING WIRE, 36 in. wide, 150 ft. rolls.

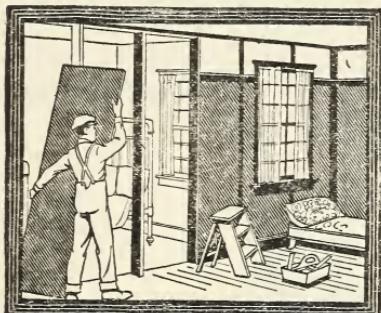
Prices on application.

Safekote

more than waterproof
Roofing

Light per roll of 108 sq ft.,	\$2.50
Med. " " " "	3.00
Heavy " " " "	3.50

WALL BOARDS



WALL BOARDS.

Black Rock

—For walls and ceilings, Cream White, 48 inches wide, per sq. ft., 4½c. 500 ft. or more 4¼c.

BLACK WATERPROOF BUILDING PAPER.

—In rolls of 250 and 500 square ft. Price per 500 sq. ft., \$5.00

RED ROPE ROOFING.—An excellent low cost roofing, will last for several years,

Price 500 ft. rolls, \$7.50, 250 ft. rolls \$4.50.

TARRED PAPER.—Single ply, various size rolls, 5c lb. Two ply, per roll of 108 square feet, \$2.25. Three ply, per roll of 108 square feet, \$2.75.

EVERJET ROOFING PAINT.—(Black)—For outside or inside use on metal or wood. Prevents rust, protects from weather, lasting. One gallon can \$1.25.

ELASTIGUM—A tough adhesive coating for roofs, small can 25c, gal. can \$1.25.

ROOF COATING—For tarred ready roofing, per gal. can \$2.00.

ROOF COATING — (Proctor's Waterproof) — per gal. \$1.00. Special prices on large quantities.

CARBOSOTA.—A wood preservative. per gal. \$1.35.

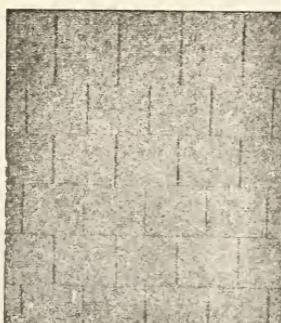


THE REYNOLDS ASPHALT SHINGLES

Fire resisting, lighter than Slate, as cheap as Wood Shingles and will last very much longer. Made in Red and Green. Some cities in Massachusetts forbid the use of wood shingles, a lower rate insurance is charged in some places where asphalt shingles are used.

Price, Red or Green per 1000, \$9.00

ROLL ROOFING.—For valleys to match the shingles. Per roll, \$3.25 and \$4.00.



It also makes an excellent roof.

THE DUPLEX INDIVIDUAL SHINGLES

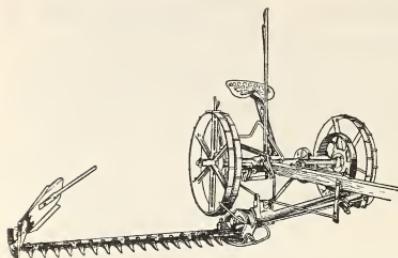
One of the best of the asphalt shingles. Price per square \$8.50.

DUPLEX STRIP SHINGLES.—Same quality as the Duplex Individual, per square \$7.50.

DUPLEX ROLL ROOFING.—Red or green, per roll \$3.00.

ROOFING CEMENT "MATEX".—In 25 lb. pails \$3.75.

ROOFING CEMENT "RUTLAND" Black.—45c and 90c per can.



THE DEERE MOWING MACHINE

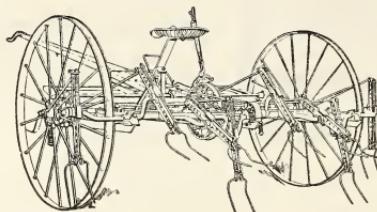
This Mowing Machine while comparatively new in this section is proving a most excellent machine.

5 ft. cut	-	-	\$96.00
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MOWING MACHINES:—One Horse,

\$75.00 and \$80.00

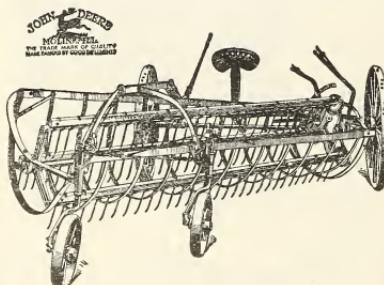
STEEL HAY TEDDER



Built of Steel throughout, has six forks, is strong and durable, adjustable for one or two horses.

PRICE,	-	-	\$65.00
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The Side Delivery Rake and Tedder Combined.



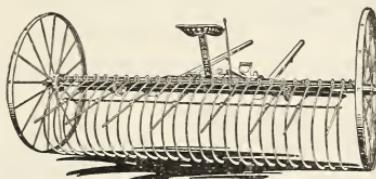
This can be used in connection with the Hay Loader or in an entirely separate manner. It is however more often used with the Hay Loader and in this way hay can be raked, loaded and transferred from the field to the barn very rapidly.

Price,	-	-	\$135.00
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DRAG RAKE.—For Raking after load. Price,

\$1.50

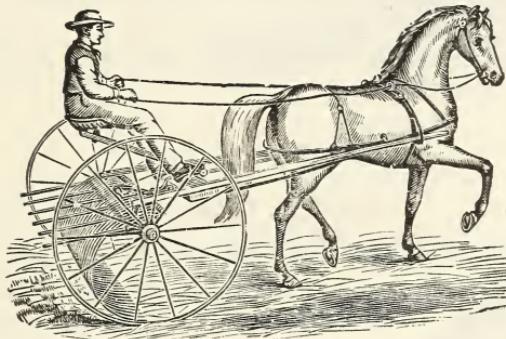
STEEL HAY RAKE



An excellent Self-Dump Steel Rake 8 feet wide—easily operated, strong and durable.

Price \$49.00

THE YANKEE HORSE RAKE



A very well known and thoroughly reliable rake, very easy to operate.

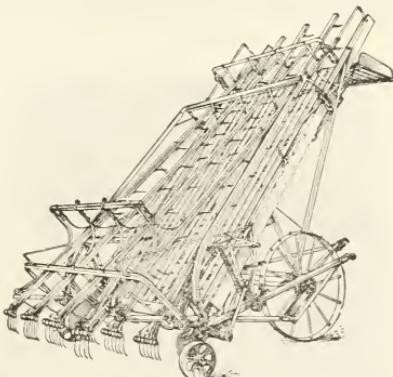
Very much liked in the Berkshire Hills.

Price \$45.00

HAY LOADER

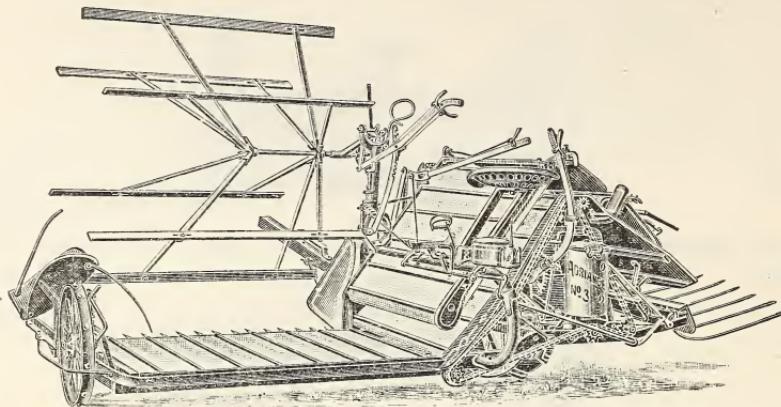
This Hay Loader can be used in combination with the Side Delivery Rake, also with the regular Horse Hay Rake, used either way it is a great labor saver, loads from swath or windrow, light draft and durable.

Price, - - - - - \$155.00



REPAIRS FOR FARM MACHINERY—We make a specialty of supplying parts for farm machinery. Bring old part or number of the piece wanted.

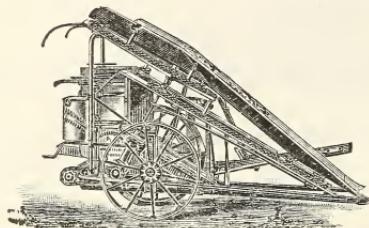
REAPER AND BINDER



One of the best on the market, strong, light draft, and a perfect worker. Special Binder Catalog on Application.

Price \$250.00

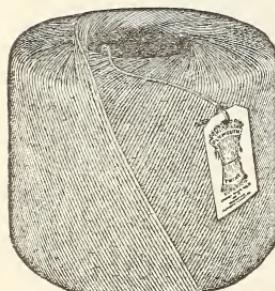
CORN BINDER



This is a splendid working, strong and substantial machine, and backed up by the well-known John Deere Company. Contrary to a general claim by some other manufacturers, this is one of the lightest draft corn binders made. Let us show you this machine. We guarantee it.

\$240.00

HAY CAPS—Canvas. Prices given on application.



BINDER TWINE

Our Binder Twine is smooth, even, more feet to the pound than many other makes. It is Plymouth Twine, none better—in balls of 5 lbs. each—10 balls to the bale. Prices according to market.

HAND HAY AND LAWN RAKES

Extra, 3-bowed, Hay, - - -	\$.70	Extra Wood Lawn, - - - - -	\$.85	
" 2- " - - - -	.60	Wood Rake Teeth, doz., - - -	.10	
No. 1, 2- " - - - -	45c and .55	WIRE LAWN RAKE,—Reversible, \$1.50		

JAPANESE BAMBOO LAWN RAKES.—For sweeping and raking fine lawns, \$1.75.



SCYTHES.

Clipper, - - - - -	\$1.60
Solid Steel, - - - - -	1.90
Our Special Solid Steel, - - - - -	2.25
Bush, - - - - -	1.90
Bramble, - - - - -	1.90
Grain Cradle Scythe, - - - - -	3.00
Snath Wrenches, - - - - -	.05
Loops, - - - - -	.15



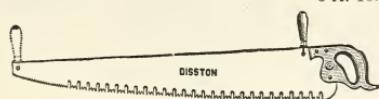
BUSH or BILL HOOKS

Heavy, (handled), \$2.50



SAWS.

DISSTON		
Cross Cut—Narrow,	5 ft.	\$4.00
" " "	5½ ft.	4.50
" " "	6 ft.	5.00
SIMMONDS		
Cross Cut—Narrow,	No. 325	
" " "	5 ft.	\$8.00
" " "	5½ ft.	9.00
" " "	6 ft.	10.00



DISSTON		
Cross Cut one man	3 ft.,	\$3.50
" " "	3½ ft.,	4.00
" " "	4 ft.,	4.40
" " "	4½ ft.,	\$4.80 and \$6.00
Buck Saw—Either narrow or wide blade,	\$1.50 \$2.00 and \$2.50	
" Blade only,	75c to \$1.65	
" Frame only, without Strainer,	.50c	
" Strainers,	20c and 25c	



Carpenters' "Cut Off" Disston's 20, 24 and 26 in. in two grades,	\$2.75 and \$4.25
Carpenters' "Cut Off" Simonds	\$2.00 and \$4.00
Imp.	1.25 and 1.75
Keyhole Extension,	.75
Saw Clamp (Swivel),	\$2.25

GRAFTING WAX.

Trowbridge, 1/4 lb. stick,	- - - - -	20c
" 1/2 lb. stick,	- - - - -	35c
" 1 lb. stick,	- - - - -	60c

SCYTHE SNATHS

Ash, Grass, - - - - -	\$1.65
Ash Bush, - - - - -	\$1.85

SCYTHE STONES.

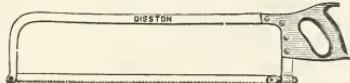
English Round, - - - - -	\$.35
Carborundum, - - - - -	.35
Carborundum Rifle, - - - - -	.35
Red End (coarse), - - - - -	.10
White Mountain, - - - - -	.20



Axe Mattocks, - - - - -	\$1.15
Pick Mattocks, - - - - -	1.15
Mattock, or bog hoe, - - - - -	1.00
Saw Sets, - - - - -	\$1.50 and 2.00

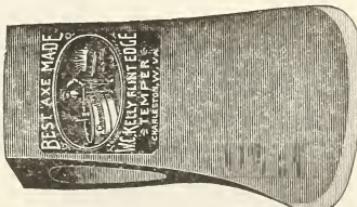
Ice Saws, 4 ft. \$6.50, - - - 4½ ft., 7.00	
Cart Ice Saws, - - - - -	3.00

MEAT SAWS.



Family Size, \$.85, 18in. Disston's, \$2.00
20in. Disston's, \$2.50, 22in. Disston's, 2.75

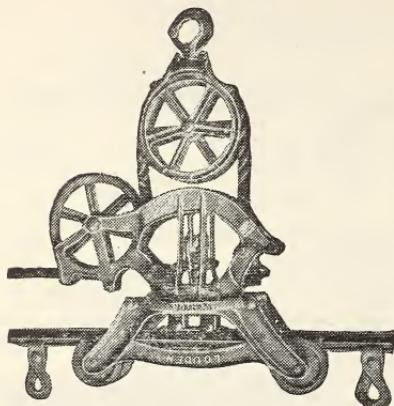
AXES.



Our Best, - - - - -	\$1.75 and \$2.25
Connecticut pattern, - - - - -	\$1.50 and 1.75
Axes, Handled, - - - - -	\$1.75, 2.25 and 2.50
" Boys, - - - - -	1.75
Axe Stones, - - - - -	10c to 40c
Axe Handles, - - - - -	35c to 75c
Axe Wedges, - - - - -	5c

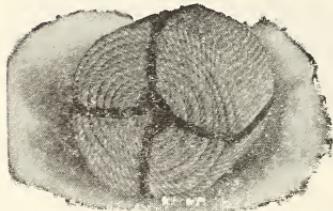
GRAIN CRADLES.

Turkey Wing, 4 fingers, - - - - -	\$7.00
Cradle Fingers, - - - - -	45c each
Hay Knife, Lightning, - - - - -	2.25
Flails, - - - - -	1.25
Carpenters' Squares, - - - - -	2.5 to 4.00
Saw Eucks, Folding, - - - - -	65c and 90c

Louden Hay Carrier

One of the best Hay Carriers, operates in any kind of barn—it is Swivel and Reversible.

Price Louden Junior Car,	- - -	\$10.85
" " Senior "	- - -	14.20
" " Double Bead Track, ft.,	28c	
" Brackets, per doz.,	- - -	1.80
" Floor Hooks, each,	- - -	.25
" Pulleys, Knot Passing, each, 1.25 and 2.00		
" Pulleys Wood Sheave, each, 1.25, 1.75		
" " Iron, each,	1.50 and 2.00	
" Drive Screws, per gross,	-	1.00
" Standard Hangers, doz.,	- - -	2.40
" Screw Eyes, each,	- - -	.15
" Hoisting Whiffletree, each,	-	2.75
" Bracket Pulley Holder,		1.15
" 5" Link Hangers,		\$3.75 doz.

ROPE

We carry in stock pure Manila Rope, sizes from $\frac{1}{4}$ inch to 1 inch; prices according to market.

Hay Bale Ties

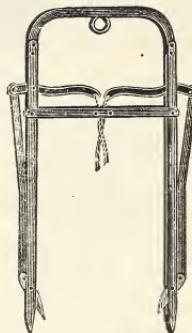
Stock sizes: 7 ft. 3 in. \$2.65 and 9ft., \$2.95
Prices subject to change.



Bracket



Pulley

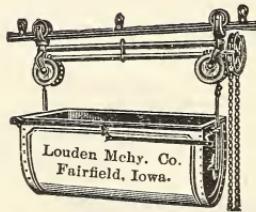
Floor
HookGrapple Fork, 4 Tine, \$13.15
" " 6 " 15.25**DOUBLE
HARPOON
FORKS**

Long \$3.00
Extra Long
\$3.50

Rocker Bar
Hay Fork
Double
Harpoon
\$6.85



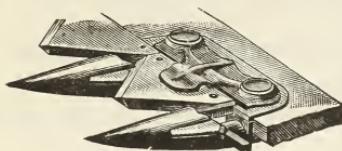
Rope Hitch 50c

**Louden
Litter
Carrier**

An excellent
carrier
Prices on
application

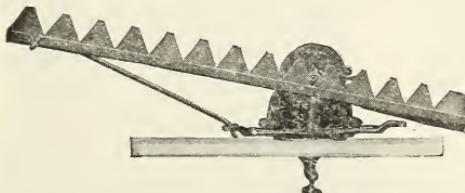
See us for special Catalogue
of Louden Barn Equipment and
Louden Barn Plans. Will be
glad to have our special equip-
ment man call.

MOWING MACHINE KNIVES, SECTIONS GUARDS AND REPAIRS



OILERS

No. 114.....	.25c
No. 13.....	.30c
No. 13 A.....	.30c
No. 14 B.....	.45c
Sewing Machine Oiler.....	.10c and .15c
Oil Can, One Gallon.....	.45c
" " Two Gallon.....	.65c
" " Five Gallon.....	\$1.50 to \$2.25



ROYAL SICKLE GRINDER, \$9.50

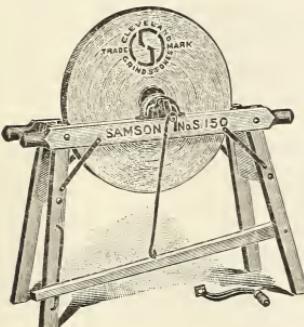


Knife Handle	
Monkey Wrenches, 6 in.	.90
" " 8 in.	1.05
" " 10 in.	1.30
" " 12 in.	1.65
" " 15 in.	2.25
" " 18 in.	2.65
" " 21 in.	3.25

Our Standard Vise

Not a cheap one, but a strong, well-made vise

No. 102½.....	\$2.50
" 112½ A.....	5.00
" 113 A.....	6.00
" 113½ A.....	7.00
" 114 A.....	7.25



The furnishing of these goods is an important part of our business. We are in a position to supply you with PARTS of any Mowing Machine Rake, Tedder, Plow, Harrow, or most any Agricultural Implement made; and it is always best if possible to bring or send the old parts to insure a fit. It is important that you use the Best Knives and Sections.

We sell only the Best. We positively refuse to handle cheap ones. The best are worth the money, the others are worth nothing.

Every one is
Warranted

FAUCETS

Ivy Wood 6 inch .....	.20c
" " 7 " .....	.25c
" " 8 " .....	.30c

Stilson Wrenches

6 in.	\$1.00
8 in.	1.15
10 in.	1.25
12 in.	1.50
14 in.	1.75
18 in.	2.50
24 in.	3.65
36 in.	6.75
48 in.	10.00

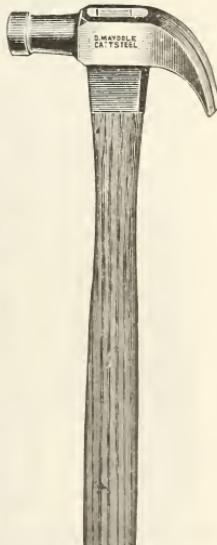
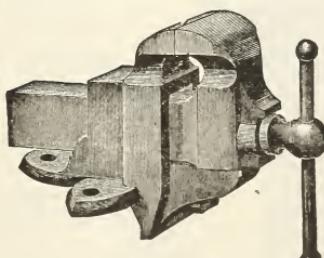


SCREW DRIVERS



PRICE, 25c TO \$2.00

Nail Hammers steel, .90	\$1.00 and 1.25
" " Maydole, \$1.25, 1.35, 1.50	
Tack " 20c and 25c	
Cold Chisels, each 20c	
" (heavy) each 25c to 75c	
Rivet Punches, 20c and 25c	



MOUNTED GRINDSTONES

Extra Wood Frame, No. 1 Wt. about 130 lbs. Price \$12.00.

Regular Wood Frame, No. 2, Wt. about 100 lbs. Price \$10.00.

Grindstone Fixtures, for mounting, prices on application.

Huron..... per lb. 5c



THE DE LAVAL SEPARATOR

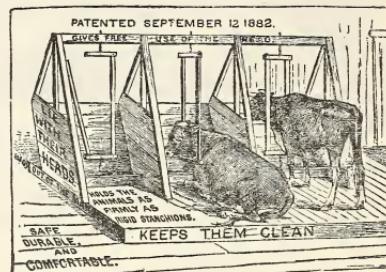
The leading Separator, to-day considered the best Separator on the market. We carry a complete line of machines and repairs.

	Capacity	Prices
No. 7 no standard	200 lbs.	\$ 60.00
No. 8 with standard	225 lbs.	75.00
" 10 "	350 "	85.00
" 12 "	500 "	95.00
" 15 "	750 "	115.00
" 17 "	1000 "	130.00
" 22 "	1350 "	225.00

CHAIN HANGING CATTLE STANCHIONS

The best and easiest method for fastening cattle in the stable.		Price
WOOD Regular	-	\$2.35
WOOD Heavy Bull	-	4.75
STEEL (LOUDENS) with guide	-	4.50
" " with Guide, Holder and Anchor for concrete.	-	5.20
Fastenings for Wood Frame	-	.45
HEAVY BULL Louden	-	6.75
LOUDENS DETACHABLE WATER BOWL	-	4.35

MEDIUM	HEAVY	VERY HEAVY
Prices on Application		



DANA'S STOCK LABELS

An easy and practical way of marking Stock. Cattle labels may be marked with owner's name not exceeding 13 letters, and post office address, not exceeding 13 letters. Sheep label size has room for only 10 letters, Per doz. Per hun. Cattle labels lettered and numbered, .75 \$4.00 Sheep and hog labels lettered and numbered, .40 2.00 PUNCHES.—Cattle label size, Each \$1.75 Sheep " " " 1.25

The New Sharples' Suction-Feed Tubular Separator

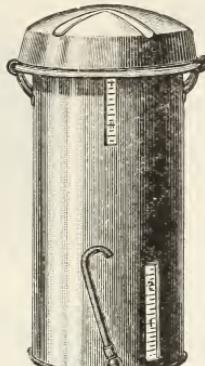
No.	Capacity	Price
1	200 lbs.	\$65.00
2	300 "	75.00
3	400 "	85.00
4	500 "	95.00
6	700 "	115.00
9	900 "	135.00

COOLEY CREAMER CANS

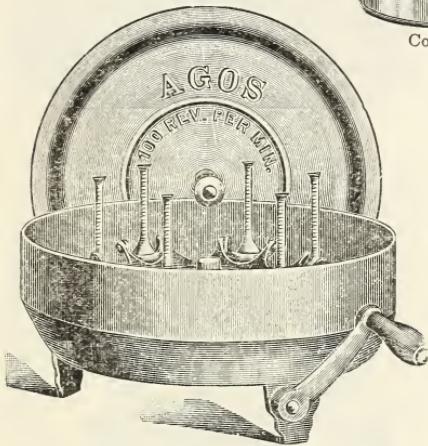
PRICE,

with cover and siphon faucet,
\$9.00 each.

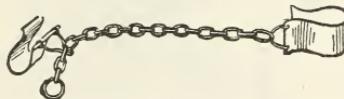
WOOL FAT — A wonderful
healer. $\frac{1}{2}$ lb. can, 50c
1 lb. can, 1.00



Cooley Can



Babcock Tester



ANTI COW KICKER—Only device for breaking heifers or vicious kickers. Price \$1.00.

DE LAVAL MILKING MACHINE

We believe this to be one of the best Milking Machines on the market today. We will gladly send special man to figure and estimate plans with you.

B. K. A liquid germ killer for use in the dairy.
Quarts, \$1.25; Gallon, 3.00; 5 Gallon, 12.50.

GERM X

A liquid germ killer for dairy use.

1 gallon can	-	-	-	\$ 2.50
5 "	"	-	-	10.50

STOVE LINING

Made of fire clay, to take the place of stove brick. Per Pkg.....	30c, 50c and 75c
MAJORS RUBBER CEMENT. Per bottle.....	15c
MAJORS CHINA CEMENT. Per bottle.....	25c

REED CREAM CANS

with cover and faucet, and Glass

20 qt.,	\$3.50
20 qt., without faucet or glass,	
	\$1.75

CREAM PAILS

With ventilated top, 20 qt.	\$2.50
" " "	24 qt. 2.75

AGOS BABCOCK TESTER THE LATEST AND BEST

Cast Iron Body and Cover, Spur and Spiral Gearing, Machine Cut Teeth

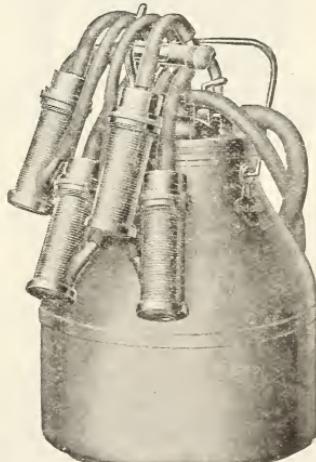
Made in 5 sizes:—

4 Bottle	\$15.85
6 "	16.40
8 "	17.50
10 "	18.60
12 "	19.70

Pipette for tester	35c
Acid Measure for tester	30c
Cream Bottle for tester	50c
Milk Bottle for tester,	40c and \$1.00

Cream Gauge

For determining the per cent of Cream in Milk 85c



BLANCHARD CHURN

Probably the Best Crank Churn in Use

	Prices
No. 3 Churns up to 2 gals.,.....	\$7.50
No. 4 " " 4 gals.,.....	9.00
No. 5 " " 8 gals.,.....	10.00
No. 6 " " 12 gals.,.....	12.50
No. 7 " " 16 gals.,.....	15.00

SEPARATORS.—See page 62.



LIGHTNING SANITARY CHURN

Makes 2 lbs. butter with
one pound butter and one
pint milk.

Price:

1 Qt.	\$1.75
2 "	2.25
3 "	2.75
4 "	3.25



Cylinder Churn

DAVIS SWING CHURN

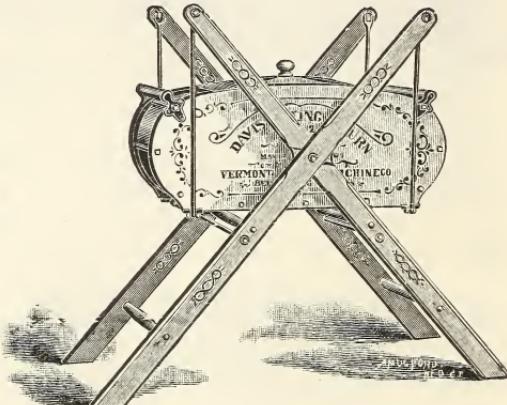
Easy to Operate.

Easy to Clean.

No Floats or Paddles.

One of the Best Churns Made.

	Prices
No. 1	\$3.75
No. 2	4.25
No. 3	4.75



Size.

No. 1	8 gal.,
No. 2	10 "
No. 3	16 "
No. 4	20 "
No. 5	26 "
No. 6	34 "
No. 7	60 "
No. 8	80 "
No. 9	100 "

Capacity.

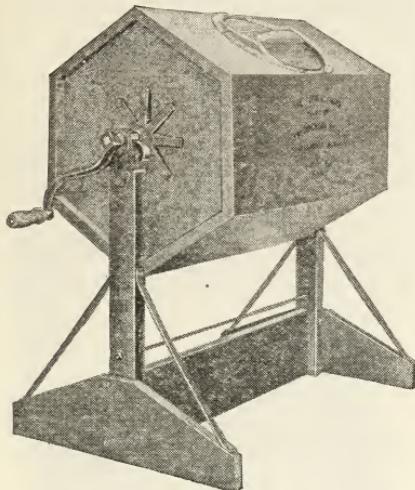
8 gal.,	4 gal. or less,
10 "	5 " " "
16 "	8 " " "
20 "	10 " " "
26 "	13 " " "
34 "	17 " " "
60 "	30 " " "
80 "	40 " " "
100 "	50 " " "

Will Churn.

4 gal. or less,	13.80
5 " " "	15.50
8 " " "	17.80
10 " " "	20.70
13 " " "	24.65
17 " " "	27.60
30 " " "	48.20
40 " " "	54.00
50 " " "	60.95

Price.

There is less liability of getting churns too large than too small. Be sure and order churns large enough. There must be room in the churn to produce the concussion, and a small churn filled too full will require a longer time for churning.



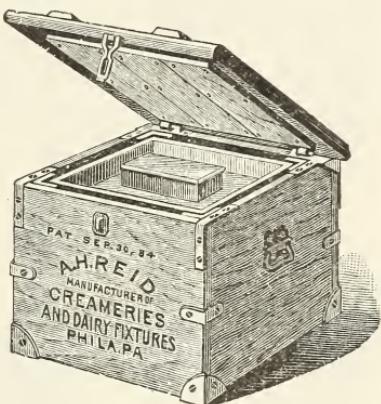
THE FENNER CHURN

This is a Six-Sided Revolving Churn. The Butter may be churned, washed, salted and worked in this churn.

Size	Will Churn	Capacity	Price
A-1	2 Gal.	6 Gal.	\$ 9.00
B-1	3 "	9 "	12.00
1	5 "	12 "	16.00
2	8 "	20 "	18.00
3	10 "	24 "	20.00
4	12 "	30 "	24.00
5	16 "	40 "	28.00
6	20 "	50 "	32.00

Reid's Butter Shipping Box

Capacity.	Price.
12 lb. Prints	\$11.90
20 " "	12.90
30 " "	15.00
40 " "	17.05
56 " "	20.10
80 " "	22.95
96 " "	25.40
120 " "	28.45



Parchment Butter Paper PURELY VEGETABLE



Stock Sizes—7x9, 8x11, 9x12,—other sizes to order.
Printed to comply with law.

Per box of 1000 sheets, 7x9,	-	-	-	\$2.25
" " " " 8x11,	-	-	-	2.25
" " " " 8x12,	-	-	-	2.25
Per lb., plain	-	-	-	.40
" " printed,	-	-	-	.50

CALF FEEDERS Common Sense Calf Feeders Single \$3.00
Common Sense Calf Feeder Nipples 25c Double 4.00

"Wyandotte" Dairymen's Cleaner and Cleanser

A Splendid Washing Powder for all milk and dairy utensils.

280 lb. Barrel,	\$15.14
Barrel of 50—5 lb. sacks,	15.05
80 lb. Keg,	5.33
5 " Sack,	.45



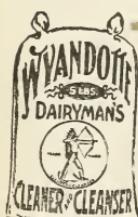
WYANDOTTE DETERGENT

For Cleaning Marble Work, Scouring, etc.

Barrell, 250 lbs.	\$17.00	Keg, 75 lbs.	\$6.06
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"WYANDOTTE" ALKALI SPECIAL

Barrell, 300 lbs. Especially for bottle washing machines	-	\$18.48
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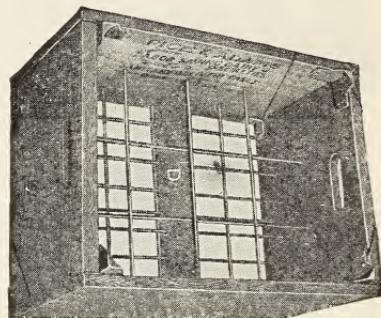
Milk Cooler

This is one of the best and most convenient Coolers on the market. It not only cools the milk but aerates it. The illustration is not absolutely correct, but gives an idea of the method of cooling.

No.	Capacity of Milk Receiver.	Size of Dairy.	Price.
2	18 qt.	1 to 25 cows	\$10.00
3	34 "	25 " 50 "	12.00
4	52 "	50 " 100 "	16.00

BOTTLE CASES

Capacity 12 qt. bottles, with bottom corner irons,	\$1.75
Pints, capacity 20 pt. bottles, with bottom corner irons, (Retainers, extra, 75c)	1.75
½ Pint, capacity 20—½ pt. bottles	2.15



SALT

"Retsos" Lump Salt.....	per lb., 2c
" " " "	per 100 lbs., \$1.50
" " " "	per ton, 20.00
No. 1, "Retsos" (best for ice cream, etc.) per bag, \$1.00	
" Small lots, 2c lb.,	
Cattle Salt, (coarse fine).....	per 140 lb. bag, 1.80
" " (coarse fine).....	per 56 lb. bag, .75
Turk's Island Meat Salt.....	½ bushel sack, .75
" " " "	1 bushel sack, 1.40
" " " "	2 bushel sack, 2.50

Dairy Salt (Leroy)
per 50 lb. bag, 75c

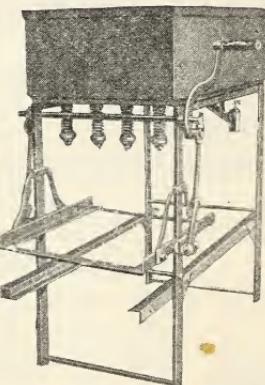


Roto Salt Holder.—40c each.
Roto Salt Cake.—20c each, \$2.25 per doz.
Square " 25c each.

Hansen's Orange Butter Color

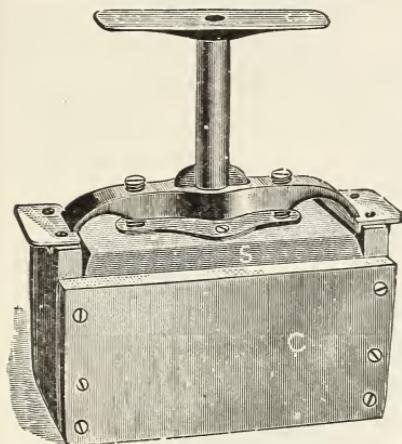
Small Bottles.....	\$.35
Large Bottles.....	.65

Wright Milk Bottle Filler



Made with Galvanized Steel frame, tinned copper tank, and sanitary fittings. Bottles filled perfectly with no topping off or overflow.

No. 4—filler }
9 " } Prices on application.
32 " }



No. 2 Butter Molds

Butter Moulds

No. 2 Mould,	Price
1 lb.,	\$4.00
2 lbs.	\$8.00
Daisy Mould,	1 lb.,
\$2.00;	$\frac{1}{2}$ lb., \$2.00
Surprise Mould,	
1 lb.,	\$1.00

Butter Ladles,	Price
'Ladles,	15c & 20c
Flat Butter Spades,	plain, Price 10c & 20c
Concave Butter Spades,	plain, Price 15c
Butter Spades, creased,	Price 10c and 15c

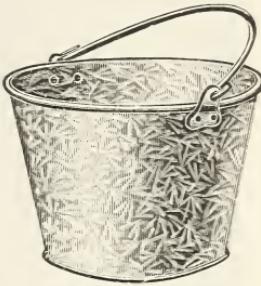
Milk Measures,—Tin,	
accurate will seal, $\frac{1}{2}$	
pt. 35c, 1 pt. 50c, 1	
qt. 60c, 2 qts. \$1.25, 4	
qts. \$1.50	

Milk Dippers,	.90
Measuring Rods for 20-	
30 and 40 qt. cans,	
	.90

Coal Hod Strainer Pail—Detachable strainer, heavy,.....	\$2.75 & \$3.00
Heavy Tin Milk Pail—14 quarts.....	1.35
" " " " 12 "	1.25
Common Strainer Pail,	1.75
Sterilac Milk Pail,—Sanitary, all	
parts cleanable,	4.75



Milk Measure



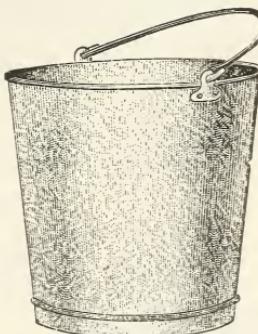
Mule Pail 75c.



MILK PAIL



STRAINER PAIL

Galvanized Iron
Pails

MILKING TUBES	CATTLE LEADERS, 40c and 45c.	10 Quart,	50c
Plated, 25, 30 and 35c.	OX BOW PINS, 25c Per Pair.	12 Quart,	55c
Teat Dilators each 35c, set of 4,	CATTLE CARDS, Common Size, 40c	14 Quart, heavy,	60c
\$1.00.	large size 50c.		
Stricture Cutters, \$2.25.	COW BELLS, No. 1, \$1.25; No. 2,		
	\$1.00; No. 3, 85c; No. 4, 65c.		

WEANERS, Small Calves, 60c;			
Medium Yearlings, 85c; Large			
Cow, \$1.25.			
OX MUZZLES, heavy, 60c Per			
Pair.			
BULL RINGS, Copper, Medium,			
40c; Copper, Large, 50c; Can-			
nion Metal, very heavy, \$2.00.			
PUNCH, \$1.00			
RUBBER APRONS, Heavy, \$2.50			
and \$4.00.			
RUBBER MOP OR SQUIGEE,			
\$1.00.			
WOOD STABLE FORK (best),			
\$1.00.			

THE KING.....	\$6.00
SAFETY	4.00
SNAP & CHAIN, without staff	1.00

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SAFETY	4.00
SNAP & CHAIN, without staff	1.00

THE KING.....	\$6.00
SAFETY	4.00
SNAP & CHAIN, without staff	1.00



Railroad Milk Can New York Pattern



Boston Pattern



Calf Meal

RAILROAD MILK CANS

NEW YORK PATTERN

20 Quart	\$4.75
30 "	5.50
40 "	6.25

Special price to milk dealers using quantities.
SPECIAL ATTENTION is given to supplying Marked Cans
for shipping.

SPECIAL DELIVERY PATTERN WITH CHAINS	
12 Quart plain	
16 " "	{ Prices on Applications.
20 " "	

PADLOCK EXTRA

Extra for Cream Compartment.

" " Marking each plate.....

MILK PANS—Heavy Tin



	Each	Each	Each
6 Quart, .....	.40	10 Quart	.50
8 " .....	.45	12 "	.60
Extra heavy, 10 qt., 85c			

BOSTON MILK CAN, City Delivery Pattern

Quarts.....	1	2	3	4	6	8	10
Price Heavy Tin .....	.95	1.15	1.45	1.60	1.70	1.90	2.00
" IX "	40c	60c	80c	95c			

PROVIDENCE PATTERN CAN

Extra Heavy with chain. 10 qt. \$3.00

SPECIAL MILK STRAINER

An excellent strainer, in fact the best and easiest to keep clean
that we have found. Price, Medium size, \$2.40, Large size, 2.75

COMMON STRAINER..... 50c

CLARK'S MILK STRAINER..... \$3.50

" " " CLOTHS, per box 2.25

JOHNSON'S MILK STRAINER

CLOTHS, per box 2.70

WOOD BUTTER BOWLS

Best Quality, 10 inch Price \$.25

" " 12 inch " .60

" " 13 inch " .75

" " 15 inch " 1.50

" " 17 inch " 2.50

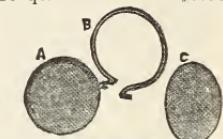
" " 19 inch 3.00

OX BUTTON, Octagon. (See cut), 35c
per pair.

OX BUTTON, Tall Pattern, 1.00 per pair.

WEATHER VANES

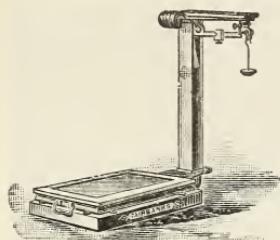
Special Illustrated Sheet of Designs and
Prices sent on application.



BLATCHFORD'S CALF MEAL

Per lb.	8c
25 lb. bag.....	\$1.75
50 lb. bag.....	3.50
100 lb. bag.....	6.75

CALF CORDIAL, Pkg. 75c.

PLATFORM SCALE

A very accurate scale, especially good for farmers' use.
Capacity 500 lbs.
With Wheels \$22.00

**Family or Dairy Scales**

Capacity, $\frac{1}{2}$ oz. to 240 lbs., positively accurate, with platform and brass scoop, Price

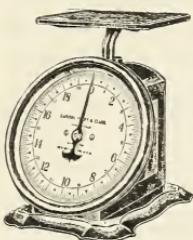
\$18.00

Ice Scales, Chatillons, weighs from 5 lbs. to 200 lbs., by 5 lbs.
Price 8.00
from 1 lb. to 100 lbs. by 1 lb.
Price 6.00

**DIAL SCALE**

Weighs up to 25 lbs., enameled top (see cut)
\$2.25 and \$3.75

Special Milk Scale weighs 30 lbs. by ounces, 7.00
Special Milk Scale weighs 60 lbs. by 2 ozs., 7.50
Special Milk Scale weighs 60 lbs. by tenths. 8.00

**SCALES**

If you contemplate putting in what is termed Hay Scales, we would be pleased to give you an estimate

PEDDLERS' SCALE

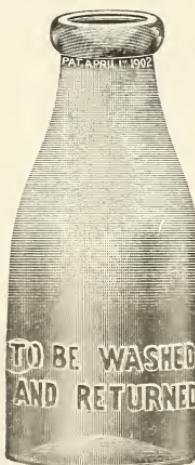
Peddler Scales, 30 lbs. by ounces, with $\frac{1}{4}$ bushel scoop, \$11.50
Peddler Scales, 60 lbs. by ounces, with one bushel scoop, 12.50
Spring Balance Scale, weighs up to 50 lbs.,
Price \$1.25

Common Sense**MILK BOTTLES**

Quarts, \$1.00 doz; Pints, \$.90 doz; Half-Pints, 80c doz. Special Prices on Case lots or over.

**Wire Carrying Baskets**

For delivering milk in bottles, 6 bottle size, \$1.25 and 1.75.
8 bottle size, \$2.00 and \$2.25.
DAIRY FLOATING THERMOMETER..... 30c, 60c and \$2.00

**MILK BOTTLE CAPS**

Made from heavy fibre board
Plain per lb. .50

" " box of 5-M \$2.75

Pouring Pull

Box of 5-M \$3.10 .

Special prices on quantities



International Stock Food

This food we find gives excellent satisfaction.

Price per small package.....	\$.30
medium "	.60
" large "	1.20
International Heave Cure	.55
International Hog Worm Powder, pkg..	.60
COW'S RELIEF.—Cures caked bag caused by garget, injury, overfeeding, etc., per pkg., 50c and \$1.00.	
BAG BALM—For same purpose as Cow's Relief	60c
WHITE ROCK HOOF PACKING.—An excellent article.	
Small size	\$.30
Medium .....	.60
KOW-KARE.—A medicine for cows only. Prices, small can, 65c; large can, \$1.25	
GRANGE GARGET CURE.—For the cure of milk fever and garget. Price 65c	
HEALING POWDER.—For galls, cuts, etc.	50c
SILVER PINE HEALING OIL.—Per bottle	50c
REFINED PINE TAR.—Per can 25c, 35c and 50c.	
COAL TAR—Pt. can 25c, qt. 35c, gal., \$1.00	

Whiffletrees, Eveners, Neck Yokes

These we have made for us out of firstclass timber.	
NECK YOKES.—Short, each.....	\$2.75
" Long "	5.00
EVENERS.....	5.00
WHIFFLETREES. each.....	2.50
NECK YOKE Factory made.....	2.00
CLEVIS—35c, 50c and \$1.00	

CHAINS

STAKE.—Heavy, short link, 6 1/2 ft., per pair,	\$1.50
SHORT TRACE.—18 in., per pr. ....	.75
SHORT TRACE.—24 in., per pr.	1.00

LOG OR STONE CHAIN.

2 1/2 in x 12 ft , 1 grab hook,	
1 common hook,	\$3.50 and 4.00

5-16 in. x 12 ft., 1 grab hook, 1 common hook,	
" " "	\$3.25 and 3.75

1 1/2 in. x 14 ft., 1 grab hook, 1 common hook	7.50
--	------

1-1/2 in. x 12 ft., 1 grab hook, 1 common hook,	5.50
7-16x12	\$4.50 and 6.00

7-16x14	7.00
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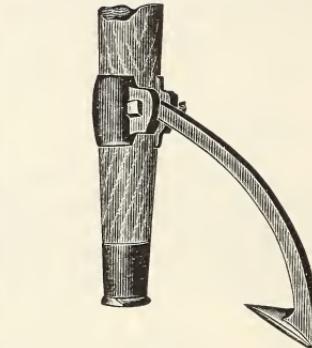
RUGGLE CHAIN.—\$7.00

STONE BOAT OR DRAG.—Price \$12.50.

STONE BOAT FRONT.—Steel used with straight plank.	
34 in., with bolts	6.90

STEEL CROW BARS.—Per lb.,	.13
---------------------------	-----

CANT. OR LOG HOOKS



Vermont Pattern, light.....	2.50
Maine " 3 1-2 ft.	2.75
" " 4 ft....	3.00
" " 4 1-2 ft.	3.50



SPLITTING WEDGES.—

Round head, per lb.....	.15
-------------------------	-----

SPLITTING WEDGES.—

Sq. head, per lb.....	.10
-----------------------	-----

WOODCHOPPERS' MAUL.—

Steel, per lb.....	.20
--------------------	-----

LEDGES.—Steel, per lb.

.....	.17
-------	-----

STONE HAMMER “

.....	.20
-------	-----

HAND “

.....	.25
-------	-----

WEDGES AND SHIMS.—Per lb.....

.....	.35
-------	-----

PAINT



"LOWE BROTHERS' 'High Standard' PAINTS." These Paints are EXCELLENT GOODS. They have COVERING POWER, SPREADING CAPACITY, DURABILITY and are SPLENDID COLORS and FULL MEASURE. Watch for the LITTLE BLUE FLAG on the can, it insures good

paint and satisfaction. A paint for every need. Get our color cards.

LOWE BROTHERS' VARNISHES—

EXCELLENT GOODS IN THE FOLLOWING KINDS

VERNICOL—A splendid varnish stain, makes a beautiful finish.

LINSEED OIL—In any quantity desired.

TURPENTINE—In any quantity desired.

VALSPAR—An especially fine

varnish, hot water does not turn it white. In convenient size cans.

PAINT BRUSHES
Fine line of paint and Varnish Brushes

Best Linseed Oil
Best Turpentine
Highest Grade
White Lead

Neputnite Floor, Neputnite Interior, Neputnite Spar, Neputnite Inside Rubbing. All packages carry the little blue flag denoting quality.

LOWE BROTHERS' "MEL-

LOTONE," Flat Colors for Interior Decoration on Wood-work and Walls, Rich, Mellow, Beautiful, Permanent, Washable.



This Little Blue Flag
on every can

PUTTY

LINSEED OIL PUTTY

1 lb. Can subject to change, 15c	1 lb. Can subject to change, 12c
5 " " " " 65c	5 " " " " 50c
12½ lb. " " " " \$1.50	12½ " " " " \$1.20
25 lb. " " " " 2.90	25 " " " " 2.35

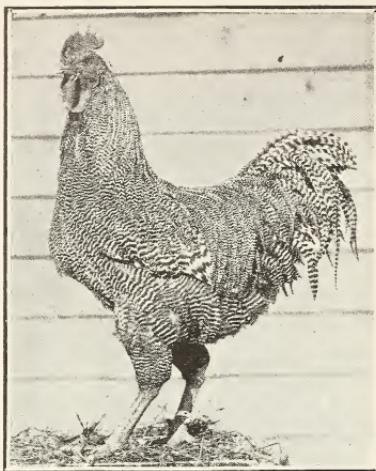


Chi-namel

ASK FOR COLOR CARD

CHI-NAMEL. For Staining and Varnishing in one operation, also Graining.
AN EXCELLENT ARTICLE.





POULTRY SUPPLY DEPARTMENT

See Us for Anything in
the Poultry Supply
Line



THE QUEEN INCUBATOR

One of the Best Hatchers, made of Redwood,
double walled, hot water heated

No. 1	85 Egg capacity,	\$27.50
" 2	135 " "	37.50
" 3	180 " "	44.50
" 20	Style K 70 Egg Capacity	16.50
" 22	" " 220 " "	36.75
No. 10 QUEEN OUTDOOR BROODERS		
125 Chick capacity		31.50
" 12 QUEEN OUTDOOR BROODERS		37.75
250 Chick capacity		
" 1 QUEEN BROODER STOVE		
600 Chick capacity		21.50

GENUINE CYPHERS INCUBATORS

SELF-VENTILATING—SELF-REGULATING—NON-MOISTURE
EFFICIENT—DURABLE

PRICES OF CYPHERS INCUBATORS

No. 0 70 Eggs	\$33.00	No. 2 Holds 244 Hens Eggs	\$56.00
No. 1 Holds 144 Hens Eggs	42.00	No. 3 Holds 390 Hens Eggs	69.00

THE COLUMBIA INCUBATORS

A medium priced incubator but a good hatcher.

We have a limited supply on hand. A real bargain

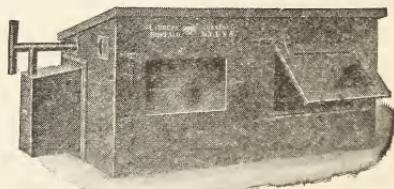
Small size, 140 Egg capacity, \$19.00

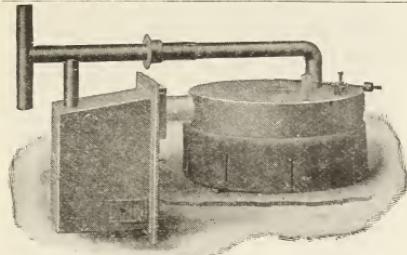
Large size, 250 Egg capacity, \$26.50

STANDARD CYPHERS BROODERS and Colony Roosting Coops

Are self-regulating, self-ventilating, Fire-Proofed and Insurable. Easily converted into colony roosting coops by simply removing the hover.

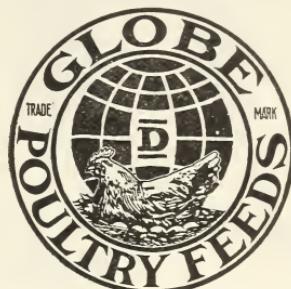
Prices: Style B Brooder, capacity 100 Chicks, \$40.00





ADAPTABLE HOVER
Mother's the chick
better than a hen

Self-Regulating, Self-Ventilating, complete
 with Regulator and Thermometer, \$18.00.



For description see page 75

Parcel Post Egg Box

PARCEL POST EGG BOX.

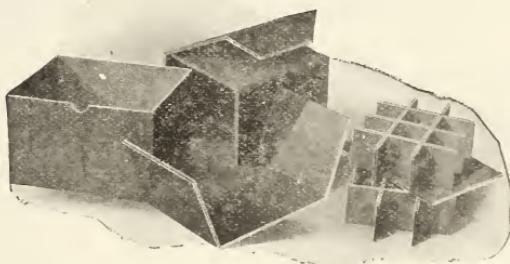
—Capacity 1 doz., 15c each, \$1.75
 doz. Capacity 5 doz., 45c each.

PARCEL POST EGG BOX.
 —(for settings)—Capacity 15
 eggs 25c each.

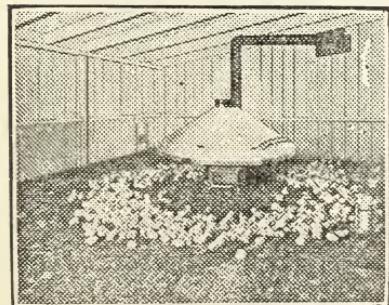
PARCEL POST DAY OLD
 CHICK BOXES—25 chick size,
 45c, 50 chick, 65c; 100 chick, 90c;

EGG CARTONS.—(Capacity
 1 doz.)—doz. 20c, per 100, \$1.25.

WATER GLASS.—For pre-
 serving eggs, one gallon pre-
 serves 50 dozen eggs. Per qt.,
 35c; per gallon, 80c



OLD GRIST MILL DOG BREAD



Newtown Giant Coal-Burning Colony Brooder

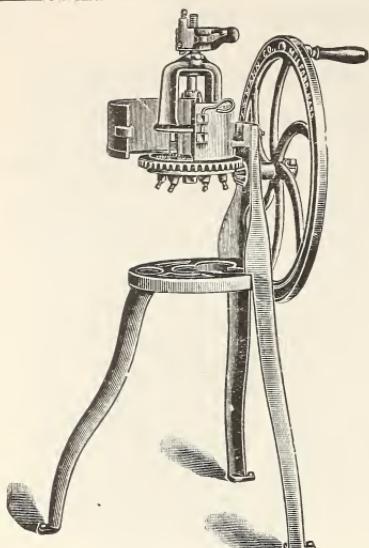
Automatic coal feed, simple, safe, economical.

Capacity	Fuel	Capacity	Size of Pipe	Price
No. 6, 200 to 300	Chicks	30 lbs.	3 in.	\$22.50
" 7, " "		39 "	3 "	25.00
" 11, 500		48	4 "	32.50

1 lb. Puppy	\$.15
3 lb. Dog .....	.35
50 lb. Bag Dog	4.50

MILK BONE—Maltoid

Puppy, small, 15c	large, 35c
Dog, " 15c	" 35c



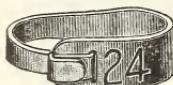
Mann's Bone Cutter

Poultry Root Cutter #7, PRICE \$6.00

Nest Eggs

China, per dozen, - - - - - 30c

Adjustable, Climax or Eclipse Leg Bands

Per dozen, 15c,
Per 100, \$1.00

Spirol Leg Band, per dozen, 15c, per 100, \$1.00

Poultry Punches, 25c and 75c



The APACO FEEDER and Exerciser, \$1.75

The Norwich Feeder and Exerciser, with adjustable standards,

No. 1, \$5.00; No. 2, 5.50,

No. 3, 6.50; No. 4, 7.50

**PEERLESS FEED HOPPER**

suspends from ceiling

8 Qts. - - - \$2.00

16 " - - - 3.00

32 " - - - 4.00

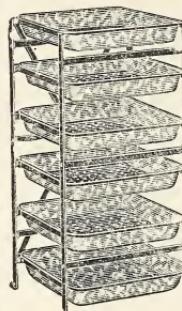
THE MANN BONE CUTTER

For Grinding Green or Dry Bone, An Excellent Machine Our Price.

No. 5-B. With bal. wheel, 15.00

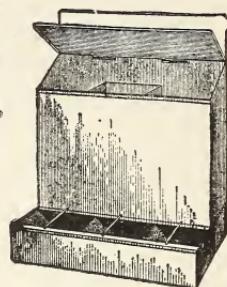
No. 7 " " " and stand, 19.75

	Per Box
Pratt's Roup Remedy,	25c, 50c
Dr. Hess Roup Remedy,	25c
Conkey's Roup Remedy,	30c, 60c
Pratt's White Diarrhoea Remedy,	25c, 50c

**OAT SPROUTER**

Five Galvanized Trays one Drip Pan and Rack.

Price \$7.50



WIRE HENS'
NESTS. Each
35c. Per doz., \$3.75.
The 1-2-3 DRY
FOOD HOPPER
for Feed \$1.35

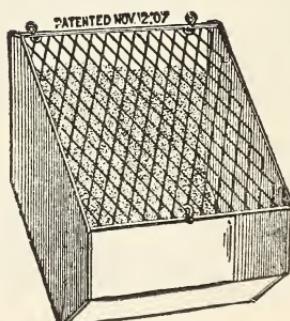
The 1-2-3 Feed Hopper for Shells, Grit, etc., 75c.



Price 35c and 50c

Egg Testers

Each, - - - - - 40c

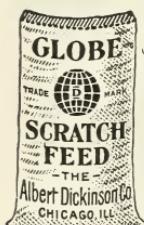


Sexton Feed Hopper, - - - - - \$2.50



A Local Grown Globe Fed Prize Winner.

Globe Chick Scratch Feed.—A mixture of small grains and seeds which make a complete balance ration for young chicks. Contains no grit. Prices variable according to grain market.



Globe Poultry Scratch Feed. Composed of specially cleaned sweet grains, whole and cracked, also sunflower seed, oil cake and charcoal. Nogrit. No waste. Prices variable according to market.

Globe Egg Mash.—A select mixture of ground feeds from sweet, wholesome grain, it is a growing and health food, a molting food and an egg producer. Price variable according to market.

Globe Growing Scratch Feed.—

No Grit.—For promoting the growth of chickens, following the period of Globe Chick feeding. Prices according to market.

Globe Faby Chick Mash with Buttermilk. one of the best, 6c lb., 100 lb. \$5.50.

Globe Chick Growing Mash with Buttermilk, excellent; 5c lb., 100 lb. \$1.75.

GROUND CHARCOAL

100 lb. bag.....	\$4.50
50 " "	2.50
Per lb.....	.08

POULTRY GRIT

No. 1—Coarse for Poultry,	{	Price per 100 lb. bag, 85c.
No. 2—Medium,		
No. 3—Fine, for Chicks,		

CLOVER

Shredded Alfalfa, 50 lb. Bag, \$2.50; 100 lb. Bag, \$4.50.

International Poultry Food

This food is giving exceptionally good satisfaction. Price per package, 30c, 60c, and \$1.20.

Pratt's Poultry Regulator



26 oz. Package	.....	.25
5 lb. Package,	.....	.50
12 lb. Pail,	.....	1.65

Pratt's Baby Chick Feed

Excellent for little chicks. Per package 25c, 50c and \$1.00. 100 lb. Bag \$6.00.

Pastura Poultry Regulator, 75c, 1.50, 4.50

Dr. Hess Poultry Pan-a-ce-a

1½ lb. pkg.	25c.
5 lb. pkg.	75c.

Sea Shells

100 lb. bag \$1; per peck, 40c; per qt., 07c

Ground Beef Scraps

100 lb. bag.....	\$5.50
25 lb. bag.....	1.50
Per lb.....	.06

Ground Oyster Shells

Per 100 lbs.,.....	\$1.50
" lb.....	.02

Bone Meal

For cattle or poultry, per 100 lbs.,	.....	\$6.50
Per 25 lbs.,	2.00

Cracked Bone

100 lb. bag.....	\$6.50
25 lb. bag.....	2.00

O. K. Poultry Litter

Per bale	\$4.00
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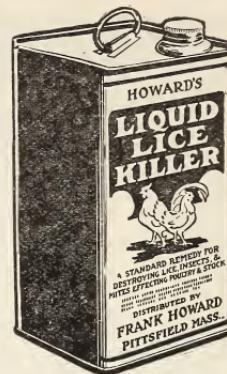
Howard's Lice Powder

This has given excellent satisfaction, doing perfectly the work intended.
 Small Package \$.25
 Medium "50
 Large " 1.00



LIQUID LICE KILLER

This is a liquid insecticide for destroying lice on poultry, stock, etc., and is an excellent article, very easy to use, and does its work thoroughly. It is also a disinfectant.
 Price 1 Quart Can \$.60
 " 2 "80
 " 4 " 1.75

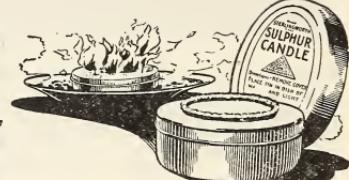


PEERLESS POULTRY FOUNTAIN—Large size, \$1.25; medium size, .90; chick size, 45c.

STONE WARE POULTRY FOUNTAIN 35c and 50c.

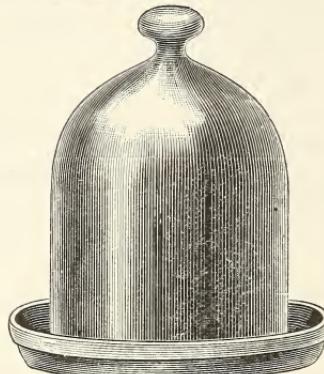
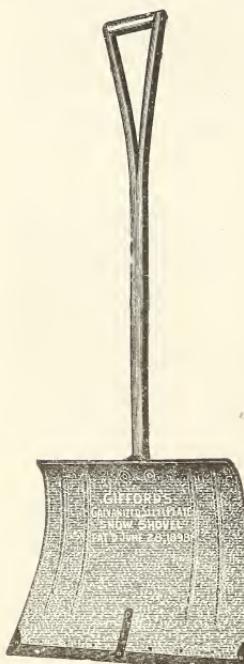
Graylawn Louse Chase, for lice on cattle, Hogs, Poultry. A very effective remedy.

Per pkg. \$1.00 Poultry size 50c



Sulphur Fumigating Candles, Each 25c.

**Graylawn farm
LOUSE CHASE**



SNOW SHOVELS

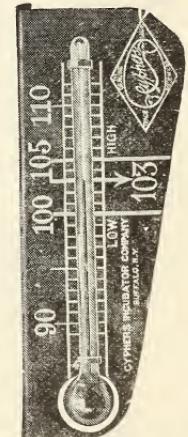
All Steel.....	75c	\$1.15 and \$1.25
Galvanized Iron.....	1.25	
Galvanized Boys'.....	35c	and 65c
Sidewalk Chisels (Socket Forged)	1.15	
Incubator Hygrometer.....	2.00	
Caponizing Sets.....	2.50	to 5.00
Poultry Killing Knife.....	75c	and 1.00

Incubator Lamps

No. 0, without burner,	- - - - -	\$1.15
No. 1, \$1.25; Nos. 2 and 3, complete with burner,	- - - - -	1.40

Incubator Burners

No. 0, 40c; No. 1, 65c; Nos. 2 and 3, 75c. Rings, Extra, 10c.



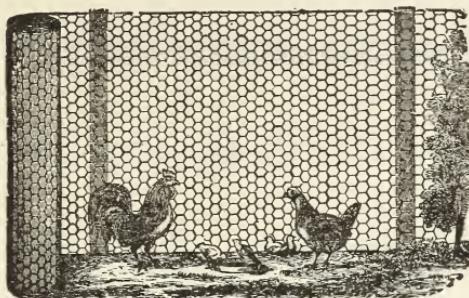
FRANK HOWARD, PITTSFIELD, MASS.

77

GALVANIZED POULTRY NETTING

WE HANDLE THE BEST MAKE OF NETTING

STOCK WIDTHS—2 inch Mesh.



	Full Rolls	Less Than of Full Rolls	
	150 Lineal Feet	per Lineal Foot	
12 inch.....	\$1.75	1 1-2c	
18 "	2.50	2 1-4	
24 "	3.50	3	
36 "	4.50	4 1-2	
48 "	6.50	6	
60 "	8.50	7 1-2	
72 "	10.00	9	

STOCK WIDTHS—I inch mesh.

12 inch.....	\$4.00	3c
18 "	6.00	4 1-2
24 "	7.50	6
30 "	9.00	7 1-2
36 "	10.00	9
48 "	13.50	12
60 "	16.50	15

POULTRY NETTING STAPLES.—Per lb. package,

15c

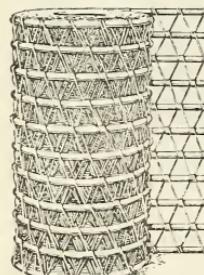
AMERICAN FIELD FENCING

The best fencing made for stock of any kind. It is strong, neat and safe; will stop anything from a pig to a buffalo.

Made in widths from 22½ inches to 58 inches. Stock numbers are 845-12, 635-12, and 832-6.

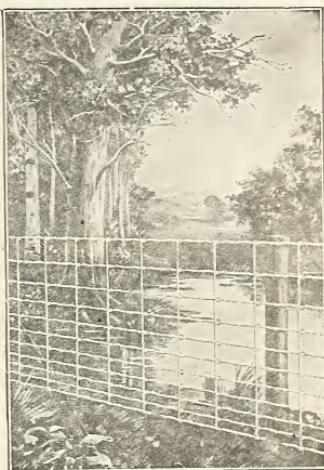
Stock numbers on Poultry and Garden fence are 2158-6.

GALVANIZED SQUARE MESH HARDWARE CLOTH, size $\frac{1}{4}$ in. $\frac{3}{8}$ in. and $\frac{1}{2}$ in., for cellar windows, screens, etc. Prices on Application.



DIAMOND LAWN FENCE

This is especially designed for Lawns and Yards. Is 2 in. mesh, making it hard to climb, is very strong and neat, can be used with our steel posts or on wood posts, made in various heights. Prices on application.



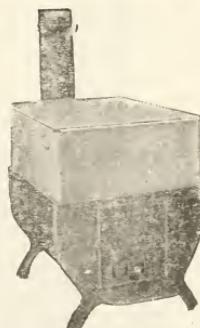
Send for our Special Fence Book, which will tell you all about the American fences and the Yankee Gates.

See inside back cover for other Lawn Fence.

FARMERS' FAVORITE FEED COOKER

For Butchers, Sugarmakers, Poultrymen and Dairymen. The Boiler is made of Galvanized Steel. The price is for cooker complete, consisting of stove or fire box, galvanized boiler with cover, one length 6 in. pipe and damper and 6 in. elbow.

No. 1—Capacity 25 gallons, - - - - \$17.50
No. 4—" 50 " - - - - 22.50



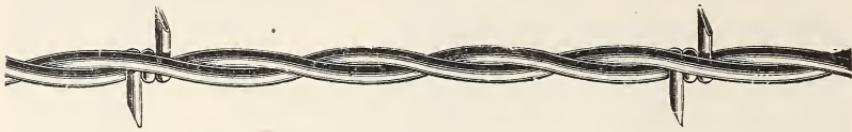
Farmers' Favorite Cooker



BUTCHER } Inches—5, 5½, 6, 7, 8, 9, 10, 12, 14,
KNIVES } Prices—35c, 45c, 50c, 60c, 65c, 75c, \$1.00, \$1.25, \$1.50, \$1.75 and \$2.00.

STICKING KNIVES—Warranted, 5 in. 50c; 6 in. 65c.

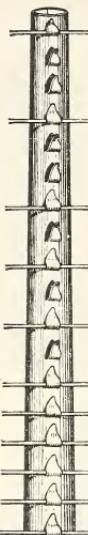
HOG SCRAPERS—Each 15 HOG RINGS—Per 100 15
" Catchers, each75 " Ringers 25



The above is cut of 2 point Barb-Wire. This is the style barb-wire now in general use. Comes on reels of 80 Rods each.



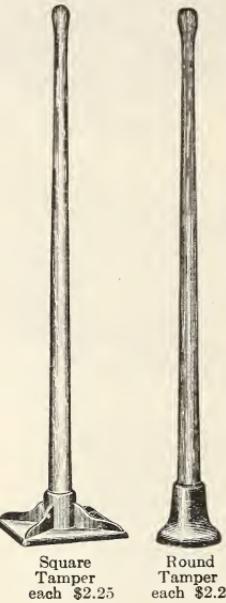
PLAIN 2-PLY FENCE WIRE—This is safer than the Barb-wire for horse pasture. If the end posts are firmly set so that they do not give it will never sag. We are always in a position to name you Low Prices on first class steel fence wire.



AMERICAN FENCE POSTS

Made of steel, galvanized, almost indestructible
Prices on Application.

Gage and Design	Length in Feet	Approximate Weight in lbs.	List
No. 14½ Line Post	6½	9.1	.83
No. " Line Post.....	7	9.8	.91
No. " Line Post.	7½	10.5	.97
No. " Line Post..	8	11.2	1.08
No. 10 End Post, Ideal	7	51.8	4.90
No. 10 End Post.	8	59.3	5.55
No. 10 Corner Post	7	72.9	7.30
No. 10 Corner Post "	8	83.4	7.85
No. 10 Hitching Post	6½	28	



ANCHOR POST IRON WORKS

Prices on Anchor Posts and Fence either for material only or for Fence Erected on application.

GIBBS Post Hole Digger.

The Best General Purpose Digger Made. Price \$3.50. Wire Fence Staples per lb. 8c.

CAST IRON MAULS.—

Weight from 12 lbs. to 20 lbs., each.....\$2.25

CAPS FOR DRIVING POSTS,

American Fence Stretcher, 60c

TOWNSEND WIRE STRETCHER,

\$2.75

ROPE AND PULLEY

STRETCHERS, \$2.50

LINEMAN'S PLIERS,

\$1.40, \$1.50 and \$1.75

POST HOLE SPOONS,

\$3.50

POST AUGER,

\$3.00

WIRE CUTTING PLIERS,

35c, \$1.40 \$1.60, \$1.95, \$2.25

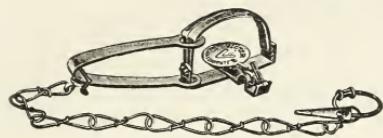
FENCE CUTTING PLIERS,

\$1.50



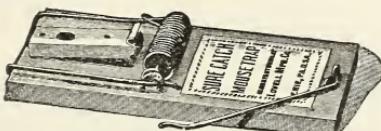


SCISSORS AND SHEARS—Our "Special"
Scissors are "best goods"—we have a full
line of these, also cheaper grades



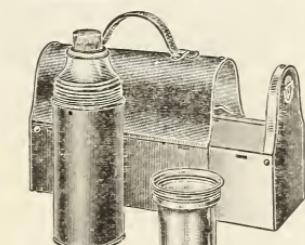
GAME TRAPS—25c to 75c

APPLE PARERS—Hudson.....	\$1.75
CORK SCREWS.....	5c to \$1.00
CORN POPPERS .....	.50c, .75c
" " extra heavy.....	1.25



MOUSE TRAP—Sure Catch.....	5c	RAT TRAP—Sure Catch	20c
" " Round.....	each 15c	RAT TRAP—French Wire.....	85c
" " French Wire.....	65c		

DINNER PAILS—	
Heavy, \$1.35, \$1.50	
LUNCH BOX- ES—Tin 50c	
LUNCH BOX- ES—folding 30c	
THERMOS BOTTLES—	
\$1.50 to \$4.00	
Thermos Bottle Fillers, \$1.10 to \$1.75.	
THERMOS LUNCH KITS.	\$2.50 and \$3.25

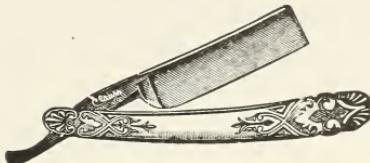


POCKET KNIVES



Complete Stock of
Warranted Knives

RAZORS



Our Special Brand of Razors
are Splendid Cutters
Prices \$1.50 to \$4.00

GILLETTE RAZOR — \$1.00 to \$6.00.

GEM JUNIOR RAZOR—\$1.00.

STAR SAFETY RAZOR—\$2.00

SEXTOBLADE SAFETY RAZOR

\$2.50 and upwards

EVER READY SAFETY —\$1.00

RAZOR STROPS Swing from 75c—\$2.75

COMBINATION—50c to \$2.50.

LATHER BRUSHES—35c, 50c, 65c

\$1.00 \$1.50, and \$1.85.

SHAVING MUGS—25c, 35c and 40c

RAZOR HONE—90c and \$1.25.

TACKS—Gimp, Carpet and Double Pointed, per pkt., 5c and 10c
TACK PULLS—15c

BIRD GRAVEL—Per Pkt., 10c and 15c

CUTTLE BONE—Each—

5c

FLOWER POT BRACKETS—Single Pot Bracket, 50c
Two Pot Bracket, one arm, 75c

CARVING SETS—An assortment of warranted
sets, prices from \$2.50 to \$12.00

COUNTER DUSTERS—

35c, 50c and 75c

WELL BUCKETS—Oak, galvanized hoop,

\$2.00

WELL BUCKETS—Galvanized,

80c and \$1.00

FLOUR SIEVES—

20c, 25c and 30c

HAMMOCK HOOKS—

Each 15c

BAIL AND BOX HOOKS—Each,

40c and 50c

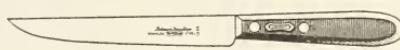
BIRD CAGE HOOKS—

35c and 50c

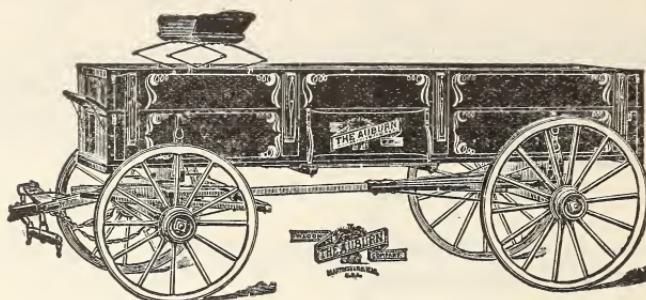


KITCHEN KNIVES

10c, 15c, 20, 25c and 35c



AUBURN FARM WAGONS

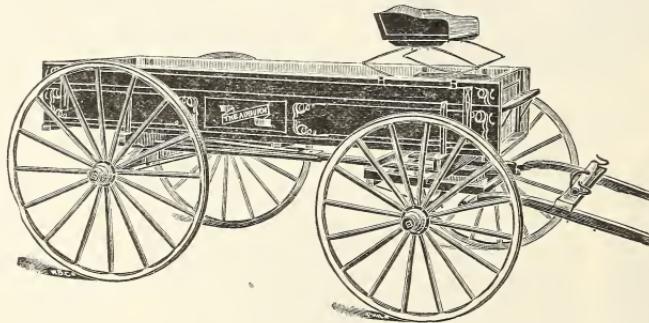


**The Lightest Running and Strongest Farm Wagons on Wheels
THOROUGHLY MADE THROUGHOUT, WELL FINISHED, FULLY GUARANTEED
BROAD TIRES.**

Designation.	Style.	Size of Axle.	Kind of Wheels	Size of Tire.	Price Gear Only.	Price With Box.	Top Box and Seat.
Standard	Solid Axle,	$1\frac{3}{4}$ in.	Sarven "	$3 \times \frac{1}{2}$ in	\$167.00	\$211.00	
Heavy	" "	$2\frac{1}{2}$ "	" "	" "	194.00		237.00
Double Box, Complete with Spring Seat, \$46.00.							

Farmers' Farm Truck, gear only. Thimble Skeins, 4 inch Tire, Wheels, 30 in. and 36 in., capacity 3000 lbs., \$80.00

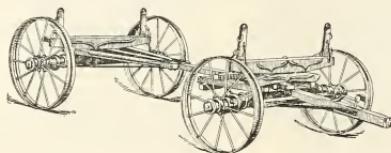
AUBURN ONE HORSE WAGONS



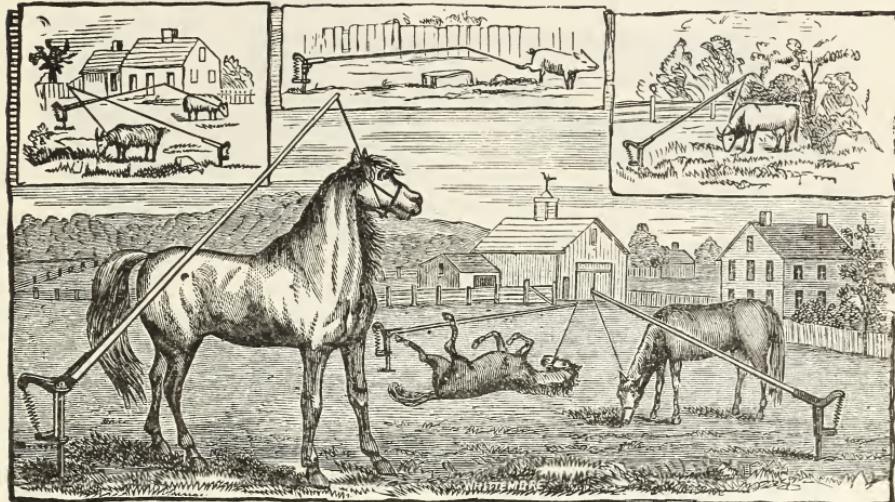
Gear Only.
 $1\frac{1}{4}$ in. Solid Steel Axles, Sarven Wheels, 2 in. tire, \$78.75, complete with 9 ft. box, \$99.00
 $1\frac{3}{8}$ in. " " " " 2 " 96.30, " " 9 ft. " 117.00
 Double Box, Complete with Spring Seat, \$30.00.

STEEL WHEEL FARM TRUCK

A Low Down handy wagon for farm use. Wheels 28 in. and 30 in., Tires 4 in Price
without box, \$60.00



WRIGHT'S ANIMAL TETHER Price \$3.75

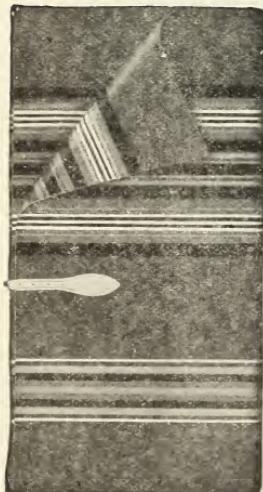


**Stewart Power Horse
Clippers, \$12.75**

Sheep Shearing Attachment, \$11.50
Bottom Plate for Power Clipper, 1.75
Top " " " 1.25
Clipper Head Complete 4.00

Tie Out Chains, 20 ft., \$.75
" " " 30 " 1.00

Horse Blankets



We purchase our **STREET** and **STABLE BLANKETS**, Automobile Shawls and Robes from two very large blanket mills. We show a nice assortment and our prices are right.

HORSE CLIPPERS
From \$3.00 to \$5.00
**BODY OR BRISTLE HORSE
BRUSHES**, \$1.25 to \$5.00.



WAGON SHOES \$2.75 Each.
SPONGES 25c, 50c, \$1.00, \$1.50
CHAMOIS fine large, \$1.75.

HARNESS SNAPS

7-8 in. 6c, 1 in. 10c, 1 1-4 in. 10c, 1 1-2in. 10c, 1 3-4 in. 11c, 2 in. 15c.

DANDY OR MANE BRUSHES

Rice Root, 50c, 75c, 85c \$1.00

MANE COMBS 50c

BLANKET PINS 5c

HARNESS

We carry Farm and Team Harness, Express and Light Harness, at attractive prices.

CURRY COMBS

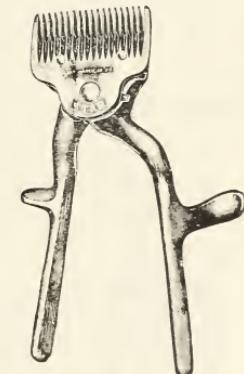
8-Bar Common Steel..... 30c

8-Bar, Best Steel..... 35c

HARNESS PUNCHES (revolving)

\$1.25 and \$1.50.

TOILET CLIPPERS



(Toilet Clippers)

HALTERS

HALTERS (Horse) Leather, \$1.25 and \$1.50 and \$1.75.

HALTERS (Calf) \$1.00 **HALTERS (Cow)** \$1.00, \$1.50.

WHITE SAND, per quart 5c, per bag \$1. **Fetlock Shears**, 2.50

FEED BAGS \$1.65

HITCH RINGS, 30c and 35c

HITCH WEIGHTS, 20 lbs., 2.25

WAGON SHOES \$2.75 Each.

SPONGES 25c, 50c, \$1.00, \$1.50

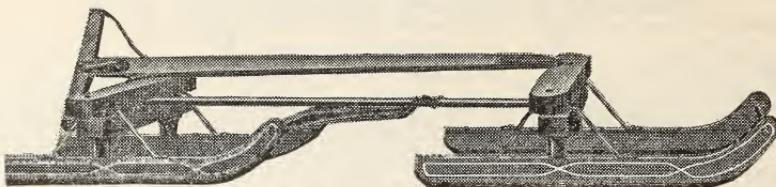
CHAMOIS fine large, \$1.75.

FEED BAGS \$1.65

HITCH RINGS, 30c and 35c

HITCH WEIGHTS, 20 lbs., 2.25

BOB SLEDS



The "ONE KNEE" Sled is fast taking the place of the old "Three Knee." They are fully as good on the highway—and very much better in the fields and the wood lot.
Two Horse, heavy and substantial } Prices on Application.
One Horse, medium }

WAGON JACKS

No. 2, Giant.....	\$2.75
Lanes Steel	2.80
Sampson Heavy.....	8.00
ROPE TIES.—Jute, 1 Snap.....	.35
" " " 1 Snap and Ring	.45
" " " 2 Snap and Ring	.65

RIVETING MACHINE

Price each	\$1.25
" Rivets for Acme machine, per box 20	

KRAUT OR SLAW CUTTERS

No.45C (2 knives)	85c
" 9B (2 ")	\$2.00
" 10B (2 ")	2.25
" 55 (3 ")	2.50
" 65 (3 ")	3.50
" 80 (4 ")	6.50

BROOM—Rattan Push,.....	\$1.35
" " " with Scraper,	1.65
" Fibre Push.....	1.50
" Steel Push.....	2.50
" Plain (Corn) or extra heavy.....	1.40
" Rattan Mixed.....	1.40
BELLS—Team.....	20c, 25c, 50c and 60c
COPPER RIVETS.— $\frac{1}{2}$, $\frac{3}{4}$ in. per pkt. 20c	
" Slotted assortment.....	20c
OAT SIEVES.....	1.75
AXLE WASHERS.....	Per coil, 10c



LANTERNS—(Dietz) Lift wire
Monarch, \$1.00; Royal, 1.50.

LANTERNS—D-Lite — 1.85

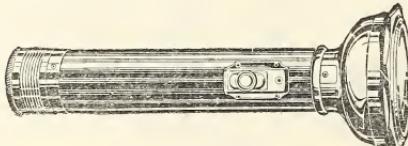
LANTERNS—Dietz Jr. Driving 2.25

LANTERN GLOBES—No. 0.
15c; No. 1,20c; red, 40c.

LANTERN BURNERS,
15c and 20c

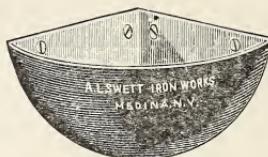
LANTERN HOLDERS....25c

FLASH LIGHTS AND BATTERIES.—Assortment
of popular style.



WHIPS—Nice assortment of Team and straight
Whips and Lashes.

AXLE GREASE—"4 Brothers" per 1 lb. box, 25c;
per 3 lb. box, 60c; 5 lbs., 80c; 25 lbs., \$3.50.

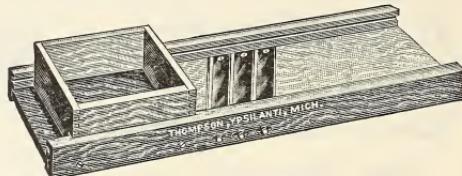
CORNER
MANGERS

Heavy (flanged top)....\$3.50

Slow Feed, 3.75

CORNER HAY RACK, \$3.50

HOG TROUGH,—Cast Iron 4 ft. long, 7.50



MICA GREASE.—1 lb. 20c; 3 lbs. 50c; 10 lbs.
\$1.25; 25 lbs. \$3.00.

AXLE OIL.—Pints, 25c; Quarts, 50c

NEAT'S FOOT OIL.—Pints, 50c; Quarts, 90c;

$\frac{1}{2}$ Gallon, \$1.50. 1 Gallon, \$2.25.

HARNESS DRESSING,—(Frank Miller's), Pints,
65c; Quart, 9t.c.

HARNESS OIL.—Frank Miller's. Pints, 50c;
quarts, 85c.

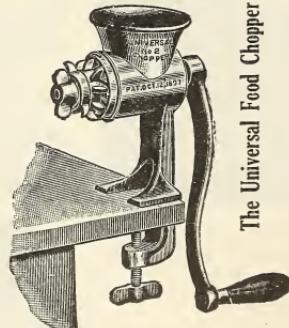
HARNESS SOAP—Frank Miller's cake 30c.

MOWING MACHINE OIL.—Bulk, per Gallon, 75c

In Quart Cans, 45c; in Gallon Cans, \$1.00

SEPARATOR OIL.—"Howard's Best," per Gallon,
\$1.15; per quart, 45c

GAS ENGINE OIL.—Gallon can, \$1.00.

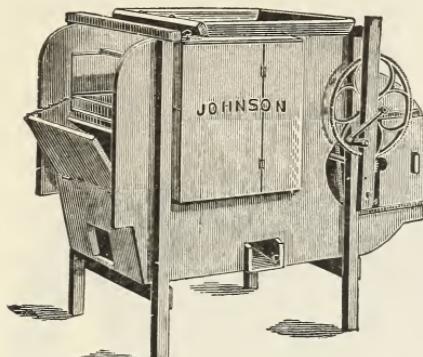


The Universal Food Chopper

Price No. 1, \$2.25

" " 2^d 2.75

" " 3^d 3.75

**FAN MILLS**

No. 1 Fan Mill, Plain, \$42.50.
No. 1 Fan Mill with Elevator and bagger, \$55.

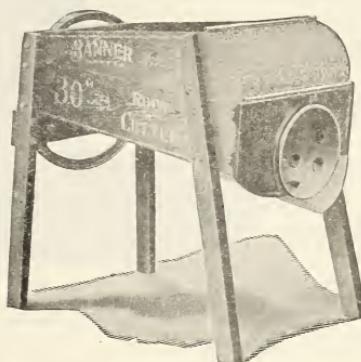
BANNER ROOT CUTTER

A RAPID SLICER.

No. 20, Hand Machine,	- - -	\$15.00
" 30, " " "	- - -	33.00
" 7, " " "	- - -	6.00

**CHAMPION
ROOT CUTTER**

Has one set Fine
Knives and one set
Coarse. Price \$14.00.

**LARD AND WINE PRESSES**

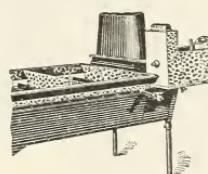
Prices on application

**CIDER MILLS**

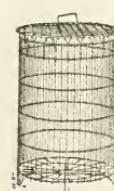
These are the popular Cider Mills—
sizes mostly used.

BANTAM JUNIOR MEDIUM

Prices on Application.

**MAPLE SUGAR
EVAPORATORS
AND SUPPLIES**

Write for prices.

**SAP SPOUTS**

Each without hooks 5c, per 100	\$3.50
" with hooks 5c, per 100, 4.00	
Hooks Separate, per 100, 75c	

SAP PAILS

Galvanized, heavy, 12 qt. and 14 qt.
Prices on application.

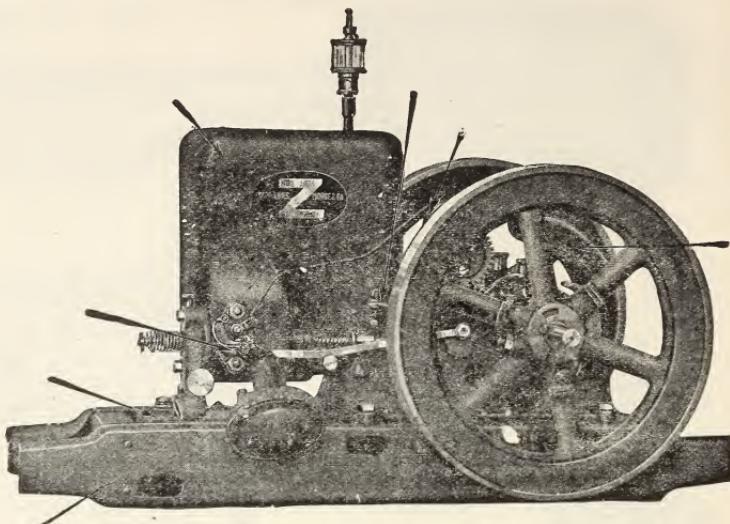
SYRUP CANS.—One gal., square,
screw top each 20c; per 100, \$18.00



Rubbish or Paper Burner
1—12x18 in., \$2.25
2—15x22 " 2.50
3—18x26 " 3.00
4—21x31 " 3.50

Sap Spout

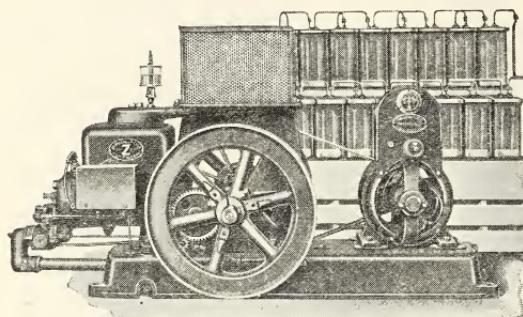
THE
NEW
TYPE
“Z”
FAIR-
BANKS-
MORSE
ENGINE



Economical, Simple, Substantial, Gun Barrel Cylinder Bore.—Complete with Bosch Magneto, more than rated power. Sizes 1½, 3, 6, 10, 15 Horse Power.
Prices on application.

THE FAIRBANKS-MORSE WATER SYSTEM

Ask for special man to figure and give you price on complete equipment.



SPECIAL ELECTRIC ENGINE AND ELECTRIC LIGHTING OUTFIT

For residences or farm lighting, or for small store, garage or manufacturing establishment. If in need of a lighting plant or power we will be glad to send an expert to confer with you.

WOOD FRAME SAWING MACHINE

Made of Hard Wood, will accommodate saws from 20 in. to 30 in. in diameter. Pulley is 5 inches in diameter with 6 inch crown face, Balance wheel weighs 95 lbs. The frame can be fitted with pole extension if specially ordered, at extra cost. We recommend using 4 in. 4 ply canvas belting, 10 foot centers, 22 feet belt.

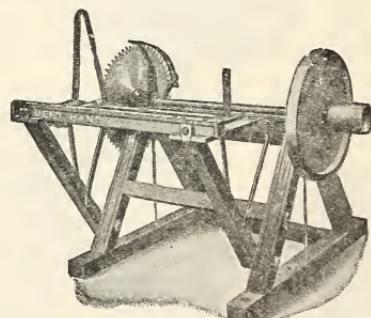
Tilting Table Complete with 22 in. Saw, \$38.00

“	“	“	“	24	“	“	39.00
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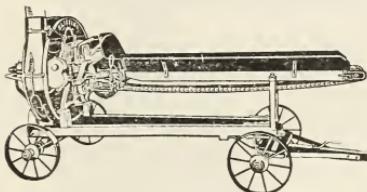
“	“	“	“	26	“	“	40.00
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“	“	“	“	28	“	“	42.50
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Hercules Wood Frame Sawing Machine, with 26 in. saw \$35.00



BLIZZARD ENSILAGE CUTTER AND BLOWER



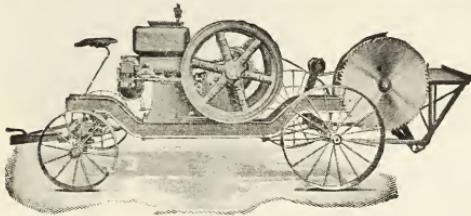
All the very latest improvements are embodied in this machine. They are built for endurance and to give satisfaction to the user. The construction is such that they are operated probably with as little power size for size as any cutter and blower made. One of the popular sizes for ordinary farm work is No. M. 21 requiring from 4-7 horse power and the No. M. 13 requiring 7 to 10 Horse Power. For smaller machine

using less power the No. L. 18. Write for special cutter catalog.

PAPEC ENSILAGE CUTTER and BLOWER—A well known and reliable machine.

Popular sizes are R 10—Capacity 2 to 5 ton per hour, and

N 13—“ 5 “ 10 “ “ Prices on application.



ENGINE AND WOOD SAWING OUTFIT

Prices on application

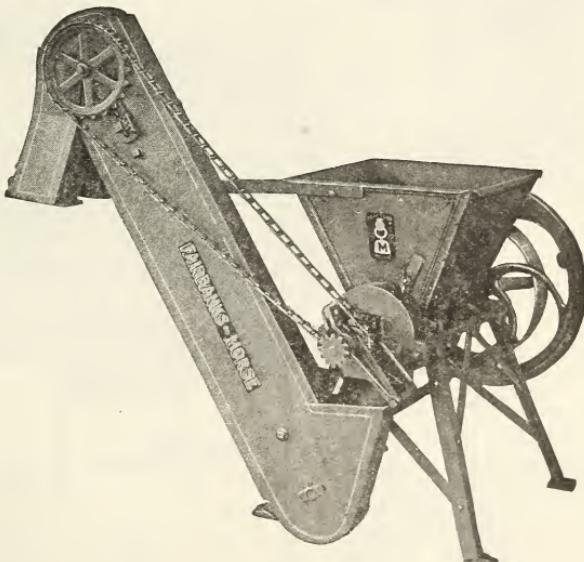
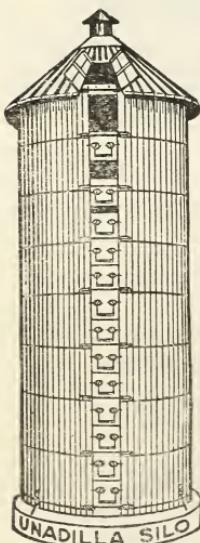
FAIRBANKS' MORSE FEED MILLS

Prices on application

Especially adapted for farm use, Practical, Durable, Economical.

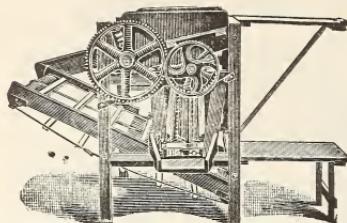
LENTZ GRINDING

MILL — An excellent Farm Mill. Price \$55.00



THE UNADILLA SILOS

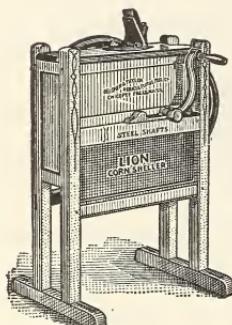
The use of the silo on the dairy farm has long since passed the experimental stage and is now considered a fixed necessity. We are offering you a SILO THAT IS UP TO DATE IN EVERY DETAIL OF MODERN SILO CONSTRUCTION, in sizes holding from 15 to 226 tons. They are made in "Canadian Spruce," "Select Common Oregon Fir" and "Clear and Better Oregon Fir." We want to figure with you on a Silo. Write or see us.



The Chicopee Corn Husker

A Corn Husker that leaves the stalks in shape to bind something the farmer has been looking for. Power required for full capacity 5 to 6 H. P.—and will husk from 25 to 50 bushels per hour. Some of these machines are running with 2½ horse power engine, with this power they husk from 15 to 25 bushels of corn per hour. "The Chicopee" is guaranteed to husk the corn and separate the ears from the stalks without material injury to the grains of corn. Price, 6 Roll \$180.00

LION RIGHT HAND CORN SHELLER



A very simple and popular Sheller. There is only one size and that is with a separator. It is a

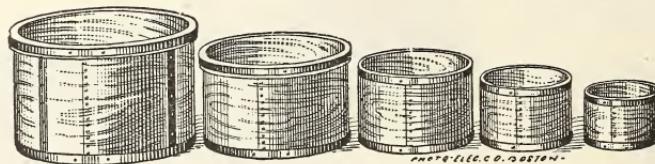
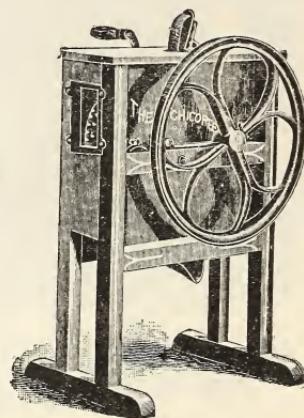
RIGHT HAND SHELLER
has a large, heavy balance wheel. The working parts are held firmly together by solid shaft boxes or bearings.

PRICE, \$19.00

THE CHICOPEE CORN SHELLER

Strong, well made, with separator and chaff sieve —————— \$17.00.

Red Chief Corn Sheller
Fastens to Barrel, \$3.25

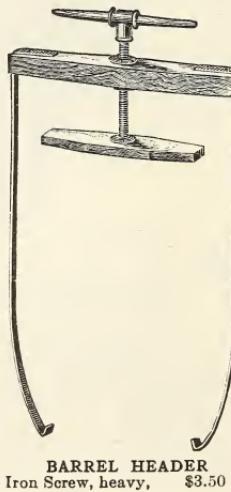


OAK DRY MEASURES

Sealed, 1 qt. 50c, 2 qt. 60c,
4 qt. 85c, 8 qt. \$1.50, 16 qt.
\$2.25, per set \$5.25.

SEAMLESS GRAIN BAGS

Separately, or per bale, 100 bags. Prices on application.



BARREL HEADER
Iron Screw, heavy, \$3.50

STEEL DRY MEASURE

to use with threshing machine	
8 qt.	\$1.10
16 qt.	1.35
32 qt.	2.25

BOSTON PATTERN TRUCKS

Sizes	Length Handles	Axle
1	52 "	¾ in.
2	56 "	⅝ in.
3	58 in.	1 in.
4	68 "	1 ½ in.

Prices on application

WINDOW SCREENS

The "Leader," Hardwood Finish, Height 18 in.	Adjusts 20 in to 33 in
" " "	24 " 20 " 33 "
" " "	24 " 23 " 37 "
" " "	28 " 23 " 37 "
Sherwood Steel, 18 inch,	22 in. to 33 in. -
" " 24 "	22 in. to 33 in. -
" " 24 "	24 in. to 37 in. -
WIRE SCREEN CLOTH BLACK—Per sq. ft.,	-
BRONZE SCREEN CLOTH—	Per sq. ft.,

PRICES ON APPLICATION

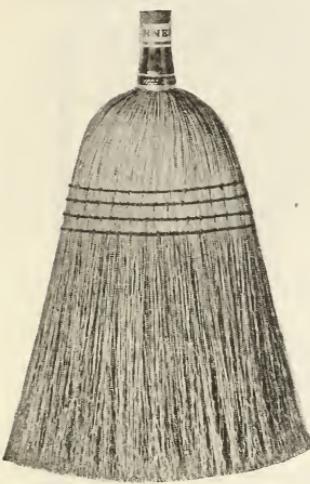
SCREEN DOORS

Plain, 3 inch stile, wire black, price complete with trimmings,	\$3.50
Light Finish, Fancy Pattern, 4 in. stile.....	4.00
Our Custom Made	6.00

Brooms

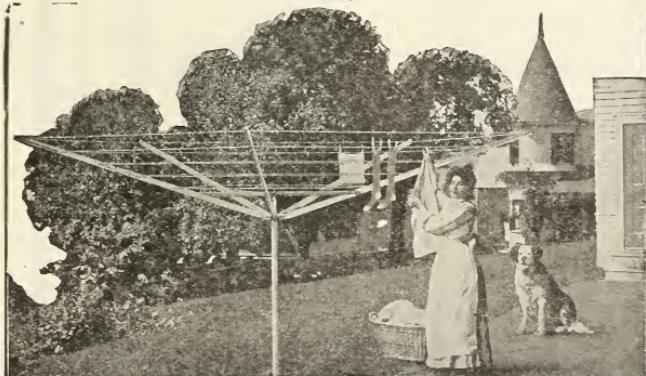
We make a specialty of Fine House
and Barn Brooms

No. 6-House (fine)	\$1.00
" 7- "	1.10
Whisk Brooms	50c and 75c,
Barn Brooms	see pg. 82



CLOTHESLINE POSTS

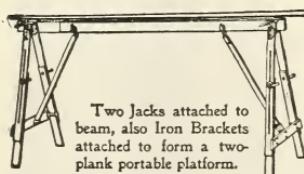
(Steel Galvanized), 10 ft. \$3.50



REVOLVING CLOTHES DRYER

Very convenient, easily folded, can be removed from stand, and placed under cover if desired. Price 110 ft., \$8.00; 150 ft., \$9.00.

ADJUSTABLE SCAFFOLDING JACKS



Two Jacks attached to beam, also Iron Brackets attached to form a two-plank portable platform.

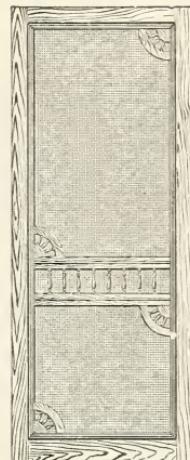


Two Adjustable Scaffolding Jacks Folded.

Practical for all interior scaffolding, mill work, metal ceiling, plastering, decorating, etc.

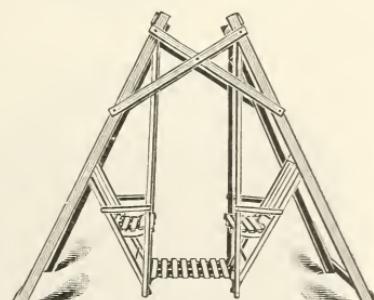
Light, Rigid and Quickly Adjusted.

Prices on Application

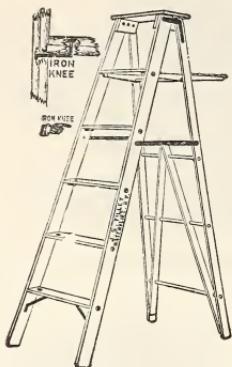


HILL'S CLOTHES DRYER

No. 1	\$13.25
No. 2	\$14.50
No. 3	\$16.75



LAWN SWING.—Heavy wood frame, two passenger, \$9.00, four passenger, \$13.50 to \$18.00.



PARIS STEP LADDERS 5 ft. \$3.50
(Very strong) 6 ft. 4.20
7 ft. 4.90
8 ft. 5.60
10 ft. 7.00

IDEAL STEP LADDERS 3 ft. 1.80
" " 4 ft. 2.40
" " 5 ft. 3.00
" " 6 ft. 3.60
" " 7 ft. 4.20
" " 8 ft. 4.80
" " 10 ft. 6.00

COMMON LADDERS.—Tilley's best quality.
Stock length, 10, 12, 14, 16, 18, 20, 22, 24 and 26 ft.
Price, 10 ft. to 18 ft. 30c ft., 20 ft. to 22 ft. 35c
24 ft. to 26 ft., 40c.

LADDER HOOKS.—Each \$1.50

BEST EXTENSION LADDERS.—Sure lock, safest
extension made, price 24 ft. to 38 ft. inclusive,
50c per ft.; 40 ft. to 44 ft. inclusive, 60c per ft.;

WIRE FLY KILLERS.—Price 10c and 15c

CAN OPENERS.—Price 15c and 25c

WINDOW BRUSHES.—All Bristles 75c
" " " " " " .60
" " Large 1.25
Handles, extra, 25c to 50c

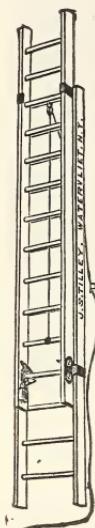
COMMON ASH SIFTER
—Large size, galvanized
75c.

THE HUSTLER ASH SIFTER.—Fits a bar-
rel or can, Price with-
out can \$6.00

ROTARY ASH SIFTER \$4.00

CENTRAL ASH SIFTER 1.25

CENTRAL COVER.—Ex-
tra 1.25



Extension
Ladder



Garbage Pail

COAL HODS.—Galvanized 65c to \$1.00

ASH CANS GALVANIZED \$3.75-4.00

" " " COVERS 1.00

GARBAGE PAILS, GALVANIZED With Common Ladder
covers, \$1.25, 1.50, 1.75 and 2.00

GARBAGE RECEIVER (Underground), made No. 2 \$15.00
of Concrete with heavy galvanized receptacle No. 6 16.50
No. 1 20.00



Coal Hod



WHITE WASH BRUSHES 50c to \$5.00
KALSOMINE \$1.35 to \$7.50

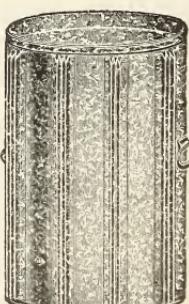
METAL POLISH.—Per can
35c, 45c and 75c

SCRUB BRUSHES.—With
handle, 35c

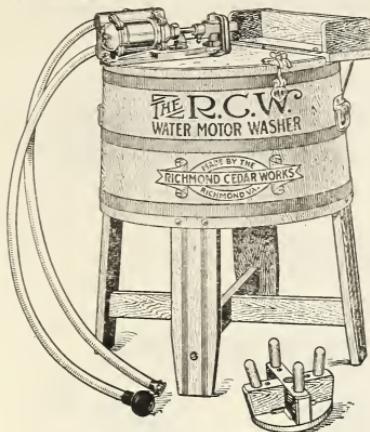
MILK CAN SCRUB 40c
45c and 65c

WHITE WASH LIME.—
Bbl. \$5.10; Selected lumps
per lb. 4c.

ALABASTINE.—A splendid
wall coating, much bet-
ter than Kalsomine, etc.
—ready for use by add-
ing cold water—many
shades, per pkg. (5 lbs.)
75c.



Ash Can.



Majestic Washing Machine

Operated with crank and balance wheel, a splendid machine. Probably the best hand power washer.

Price \$14.00

R. C. W. Motor Washer

Operated by water power by connecting with faucet.

Price \$21.00

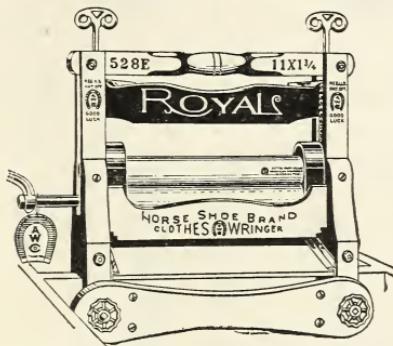
Wash Boards 30c, 60c, 75c, \$1.00

Wash Boilers

Heavy copper No. 8, \$6
" " No. 9, \$6.50



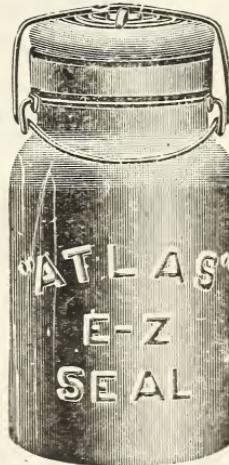
CLOTHES WRINGER



(WARRANTED)

No. 350-E, Family	\$5.00
Size	
No. 380-E, Ball Bearing,	6.00
" "	
No. 381-E, " 6.50	
No. 100, Rival, 10-in-	
Roll,	4.50
No. 360-E, for set	
tubs,	7.00
No. 528-E, Royal for	
set tubs	8.00
No. B. 381-E, Bench	
Wringer,	10.50

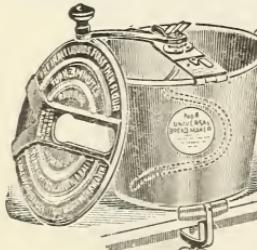
Galvanized Wash Tubs
Large \$2.50; medium
2.25, small, \$2.00.



TINK—For Cleaning Out Waste Pipes.....	pkg. 50c
OBLONG CLOTHES BASKET.—3 sizes.....	\$2.00, \$2.50 and 3.00
" " Hand Made.....	\$3.00
CLOTHES HAMPERS—\$2.75, \$3.25, \$3.75.	
CLOTHES LINES.—Cotton, 50 ft., 50c; 75 ft., 90; 100 ft., \$1.00 and \$1.25.	
CLOTHES LINES.—Wire coil, 100 ft.....	85c

CLOTHES LINE PULLEYS.....	20c each
" " Superior.....	.75c pair
CLOTHES PINS—.....	5c and 15c Dozen

MOP STICKS.—Each.....	.25c and 65c
MOPS—Cotton.....	.50c, .65c, and .75c
DUST MOP AND STICK—(Samoset).....	\$1.00



UNIVERSAL BREAD MIXER.—
Regular size, No. 4 3.00
Large size, No. 8 4.00

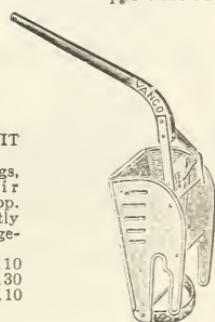
MOP WRINGER

Family size \$2.50 and \$3.25
Hotel size, \$4.00



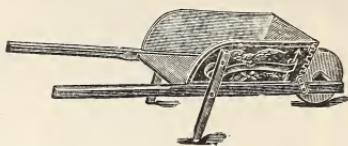
ECONOMY FRUIT JAR.—

No rubber rings,
self-sealing, air
tight, large at top.
Keeps perfectly
meats, fish, vegeta-
bles or fruit.
Pints Per Doz. 1.10
Covers " " .30
Lifters Each .10

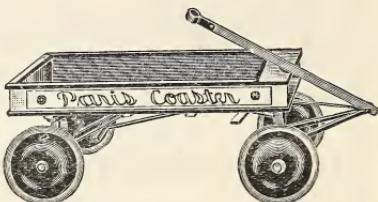




WAGONS—Fine line of Children's Wagons and Wheelbarrows.



Latest Styles in Paris Baby Sleighs.

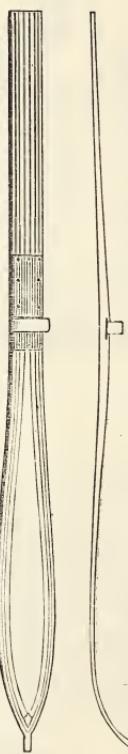
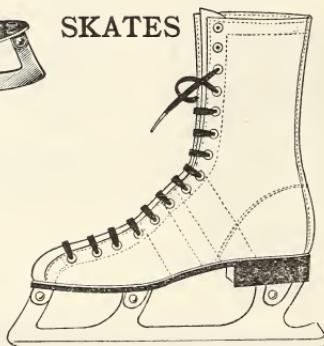
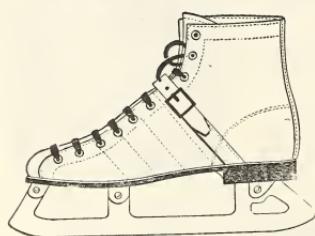


The best in Coaster Carts.
Prices from \$7.00 to \$10.00

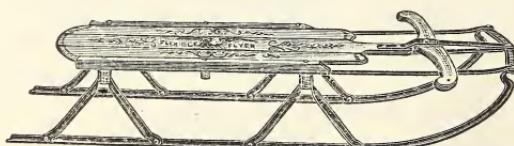
NORWEGIAN SKIS



SKATES



A complete line of the latest styles and sizes. Prices right.



SLEDS

The GENUINE FLEXIBLE FLYER and the FIRE FLY also the celebrated PARIS SLEDS in all styles and prices.



TOBOGGANS In the popular sizes from \$6.00 up.

POLO AND HOCKEY STICKS, 15c to \$1.50.
SNOW SHOES—Fine line. Maine and Indian made

The latest and best in Skis, from 3 to 8 feet

THE ICE KING



ICE PLOW

8 in. with 14 to 22 in. Adjustable Swing Guide,	\$47.50
10 in. with 14 to 22 in. Adjustable Swing Guide,	\$55.00
12 in. with 14 to 22 in. Adjustable Swing Guide,	\$60.00

ICE TOOLS

COMPLETE ICE TOOL CATALOG SENT ON APPLICATION.

PULLEY BLOCKS.—Large assortment in stock.



ICE HOOKS.—

4 feet, each	\$1.75
5 feet, each	1.85

6 feet, each.....	\$2.00
8 " "	2.40
10 " "	2.75



RING CHISELS, each,

\$5.50

BREAKING BARS, each,

7.50

SPLITTING FORK, 2-tined, each.

8.00

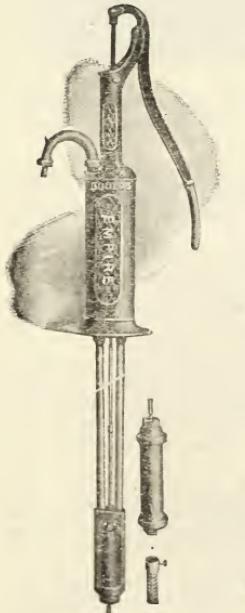
NEEDLE BAR,

5.00

ICE CREEPERS.—Per pair, 30c and 35c and 45c

ICE TONGS.—Boston Pattern, swell handle.

No. 0. opens 13 in.	\$2.00
No. 1, " 14½ in.	2.10
No. 2, " 16½ in.	2.25
No. 3, " 24 in.	2.50
Drag or stowing, long handle,	
\$3.50	

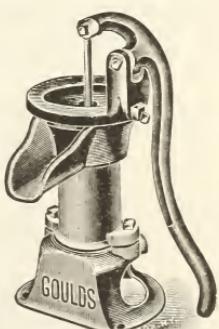


RUBBER BUCKET CHAIN PUMP

A POPULAR LOW-PRICED PUMP.

Curb with heavy castings.....	\$7.00
Tubing, best spruce, per foot.....	.20
Chain, galvanized, per lb.....	.18
Buckets, "Crosby".....	.15
Buckets, "Boston".....	.15
Rub Irons.....	.15

We will be pleased to figure the cost of Pump complete if you give us depth of well. Pitcher Pumps, No. 2, \$4.75; No. 3, \$5.00.



Pump Leathers, (Plunger) 15c and 25c.

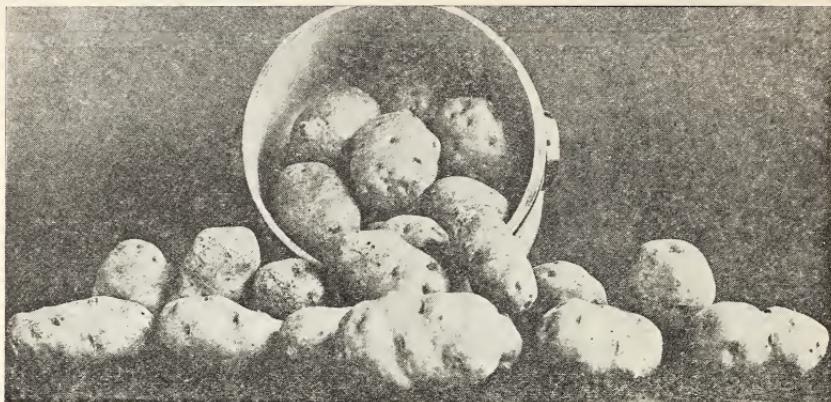
" " (Valve) 10c and 15c.

Well Points for driving, each \$2.50.



QUINNIPAC FERTILIZERS

THE GREAT CROP PRODUCERS



AVAILABLE PLANT FOOD.—Is what the farmer is looking for when he buys commercial fertilizers.

That is just why the **QUINNIPAC GOODS** stand so well.

They contain this plant food in the available form and in the right proportions to secure good results.

Prices given are those prevailing at time of going to press, and are subject to change without notice.

PRINCIPAL BRANDS

PRICES SUBJECT TO CHANGE

QUINNIPAC PHOSPHATE.—An excellent fertilizer for the vegetable garden, corn, potatoes and grain. 50 lb. bag \$1.50, per 100 lb. bag, \$2.75, per ton, \$51.00.

QUINNIPAC CORN MANURE.—For field, fodder or sweet corn, also used for grain. Per 100 lb. bag, \$2.50. Per ton \$47.00.

QUINNIPAC POTATO PHOSPHATE.—As a potato grower it has won and maintained a high standing and an enviable reputation. Per 100 lb. bag, \$2.50, per ton, \$47.00.

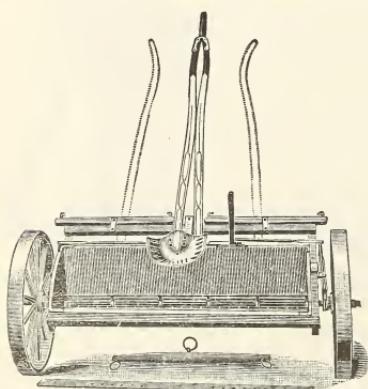
QUINNIPAC GRASS AND LAWN FERTILIZER.—A top dressing for lawns, meadows and pastures. It acts quickly and produces a luxuriant growth of grass. It pays to use it. Per 50 lb. bag, \$1.95. Per 100 lb. bag, \$3.50. Per ton, \$66.00.

QUINNIPAC MARKET GARDEN MANURE,
—Special attention is called to this brand as being as well formulated and well balanced as any fertilizer for general use. Per 100 lb. bag, \$3.25, per ton, \$61.00.

QUINNIPAC PURE BONE MEAL.—Made from absolutely pure bones, finely ground and in the best mechanical condition. Per lb. 5c Per 100 lb. bag, \$3.25. Per ton, \$62.00.

STEVENS' FERTILIZER SOWER.—For sowing fertilizer either broadcast or in drills by horse power. 8 ft. 3 in., \$72.00; Special cut off attachment, extra, \$4.00.

VAN BRUNT FERTILIZER SOWER—See page
33





The Mapes Manures

For All Soils
and for all Crops

BASIS:

Pure Bone
Made Soluble
No Rock Used

Prices given are those prevailing at time of going to press, and are subject to change without notice.

PRINCIPAL BRANDS

MAPES POTATO MANURE.—Very high grade.—For Potatoes, Early Vegetables, Fruit, Sweet Corn, etc., 50 lb. bag \$1.75. Per 100 lb. bag, \$3.25; Per ton, \$30.00.

MAPES CORN MANURE.—Also for Sweet Corn, Fodder Corn, Hungarian Grass, Millet and Seeding Down to Grass. Per 100 lb. bag, \$3.00. Per ton, \$57.00.

MAPES GENERAL USE MANURE.—Exceptionally well balanced fertilizer, of a high grade, for crops in general. Per 100 lb. bag, \$3.25. Per ton, \$50.00.

We can recommend the above fertilizers as being derived from the BEST SOURCES of plant food, and we are confident their use will prove this, and the results will be satisfactory and pleasing to you.

AGRICULTURAL CHEMICALS and FERTILIZING MATERIALS

PRICES ON APPLICATION WHERE NOT GIVEN.

MURIATE OF POTASH.—48 per cent actual potash.

MANURE SALT,—20% Actual Potash.

SULPHATE OF POTASH.—48 per cent actual potash.

KAINIT.—14 per cent actual potash.

NITRATE OF SODA.—18 per cent ammonia. Per 100 lbs. \$5.00; per lb. 8c; subject to change.

SULPHATE OF AMMONIA.—24 1-2 per cent ammonia.

HIGH GRADE ACID PHOSPHATE (Plain Superphosphate)—16 per cent available phosphoric acid. Prices on application.

FINE GROUND TANKAGE—6 per cent ammonia; 30 per cent bone phosphate.

“	“	“	—9	“	“	20	“	“	“
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AGRICULTURAL LIME.—Fine ground lime for agricultural purposes. Per bag, 90c. Per ton, \$12.00.

RAW GROUND LIME.—Finely ground for agricultural purposes. Per bag, 80c. Per ton, \$11.00.

BONE.—“Quinnipiac Bone Meal”—per cwt., \$3.25. Cracked Bone for case hardening, “Raw Bone Flour”—“Raw Bone Meal”—Cracked Bone “Oatmeal”

Prices on application.

PURE NOVA SCOTIA GROUND PLASTER.—Per 100 lb. bag, prices on application.

PULVERIZED POULTRY MANURE.—“Premier Brand:” 5 lb. pkg. 35c; 25 lb. bag \$1.25; 50 lb. bag \$2.00; 100 lb. bag \$3.00; ton \$50.00.

PULVERIZED SHEEP MANURE.—5 lb. pkg., 35c; per 25 lb. bag, \$1.25; 50 lb. bag, \$2.00; 100 lb. bag, \$3.00. Per ton, \$50.00.



CLAY'S FERTILIZER.—Imported, Prices on application.

SCOTCH SOOT.—Imported, 100 lb. bag, Prices on application.

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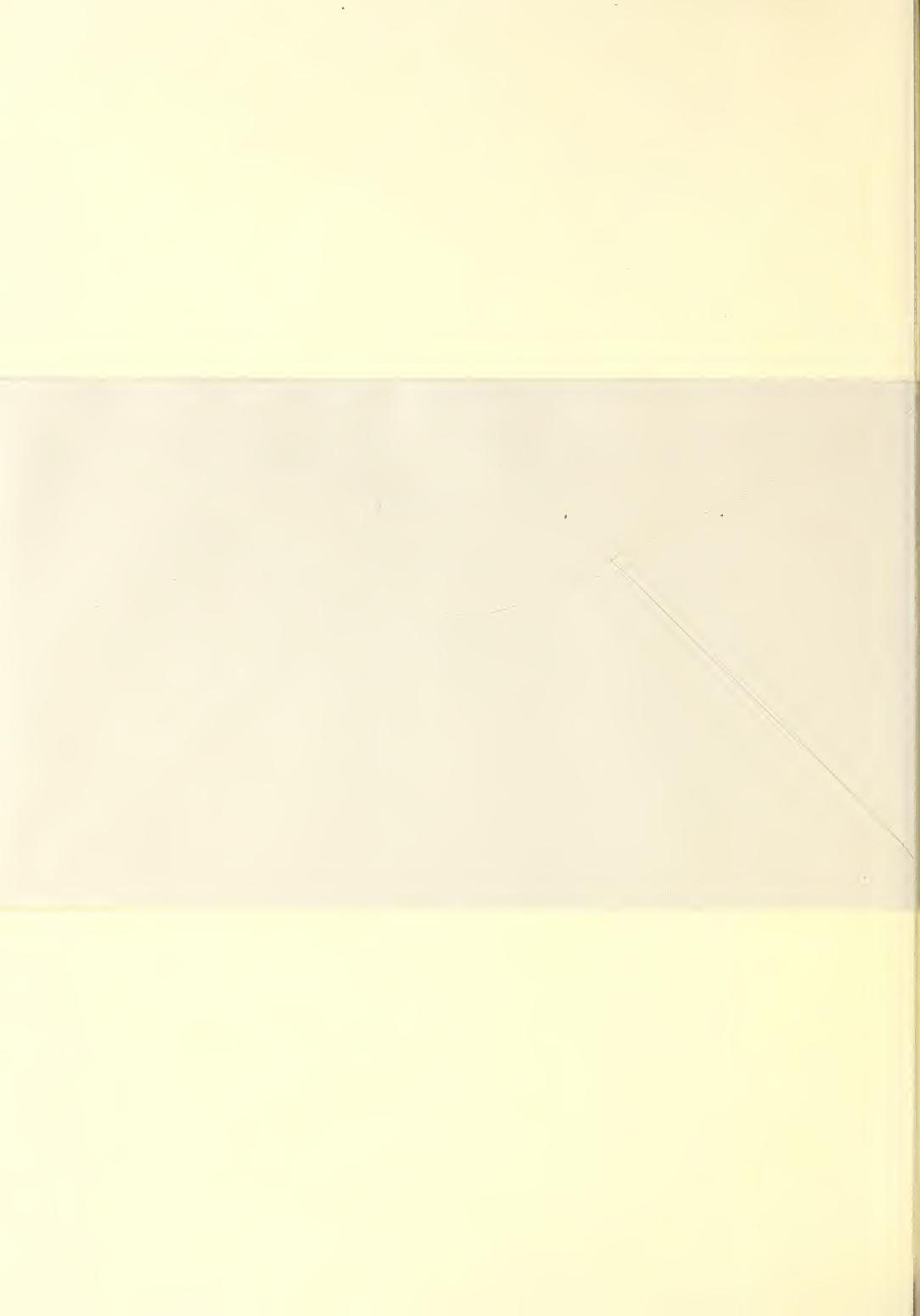
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**Frank Howard,
Howard Block,**

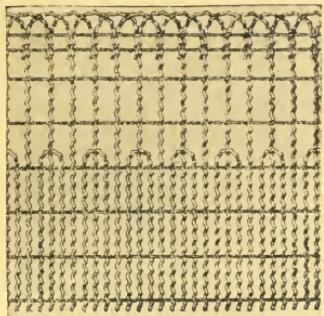
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Pittsfield, Mass.

Seeds, Tools,
Fertilizers,
Lime, Cement,
Tile, Flue Lining,
Contractors' Tools,
Poultry Supplies



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A very Neat and Attractive Lawn Fencing, Galvanized,
well made and durable

No. 600—Double Fabric, as shown, 42 in. high, per lineal ft. 24c
" 100—Single " 42 " " " " 18c

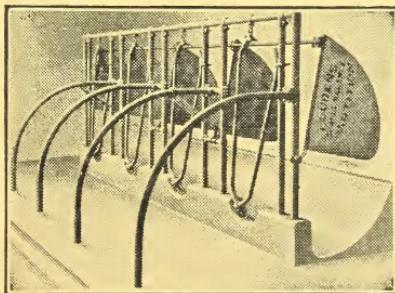
Some of the finest lawns in Berkshire County are the results
of using our Lawn Seed. For prices see page 26.

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CROCUS, JONQUILS, ETC.

We import direct from Holland. They are fine strong bulbs and will
produce good bloom. We carry Gladioli bulbs in their season. We procure
for you at short notice any flowering bulbs wanted.

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send without charge special equipment man to go over
the LOUDEN plans with you. Special Louden Equip-
ment Catalogue or Book of Barn Plans on application.

SEED-TOOLS



HOWARD BLOCK

Poultry Supplies

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PITTSFIELD, MASS.

